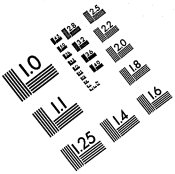
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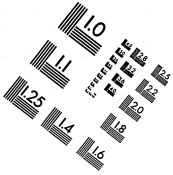
Association for
Information and Image
Management

MS303-1980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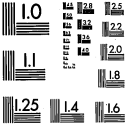
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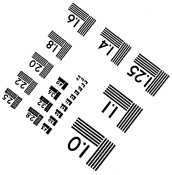
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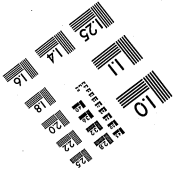
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Thomas A Edison Papers

A SELECTIVE MICROFILM EDITION

PART I
(1850-1878)

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START

PUBLICATION AND MICROFILM
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A Note on the Sources

The pages which were microfilmed for this collection are in generally good condition in the original. There are some pages, however, which due to age are lighter than normal. Additionally, because some volumes are very large and have been bound tightly and cannot be unbound, there are intermittent occurrences of slight distortion of the edges of a small percentage of the pages. We have made every technical effort to ensure complete legibility of each and every page.

LETTERBOOK SERIES, 1875-1878

The three letterpress copy books in this series cover the period 1875-1878. While a continuous chronology is not maintained in the individual books, it is possible to follow the complete chronology by reading the letterbooks in the following order:

LB-001, pages 1-169	August 1875 - December 1875
LB-002, pages 1-98	January 1876 - May 1876
LB-003, pages pasted in front of book and pages 1-203	June 1876 - June 1877
LB-001, pages 281-end	September 1877 - April 1878
LB-003, pages 204-end	April 1878 - November 1878

Subjects treated in the letterbooks include telegraphy, the electric pen and duplicating press, duplicating ink, etheric force, the telephone, the phonograph, and the electric light. Edison companies referred to include the Edison Electrical Pen and Duplicating Press Company, the Edison Foreign Pen Company, the Edison Speaking Phonograph Company, and the Edison Electric Light Company.

Approximately 40% of the material in the three letterbooks presents problems in legibility due to faint ink, bleedthrough, smearing, and staining. All three books contain thin tissue pages which in many instances have been wrinkled, frayed, or ripped. Pages that are completely illegible and pages that are merely duplicate copies of other letterbook pages have not been filmed.

Letterbook, LB-001

This letterbook, covering the years 1875 and 1877-1878, deals primarily with telegraphy, the electric pen, the phonograph, and the telephone. About 30% of the material is in Edison's hand. The remainder is in the hand of Charles Batchelor and William Carman, acting as Edison's secretaries.

The letterbook is divided into two parts. Pages 1-169 cover the period August-December 1875. Most of the correspondence is in the hand of Batchelor and deals with telegraphy, electric pen sales and service, and etheric force. Non-correspondence, much in Edison's hand, includes: four caveats (autographic press, domestic telegraph, duplex, and quadruplex telegraph); agreements and memoranda concerning sales agencies for, and division of profits from, the electric pen; a list of inventions to be displayed at the Philadelphia Centennial Exhibition; and orders for chemicals and telegraph equipment.

Pages 271-488 cover the period September 1877-April 1878. Most of the correspondence is in the hand of Batchelor and Carman and relates primarily to the design, manufacture, and marketing of Edison's telephone and phonograph. Non-correspondence includes shipping lists for machinery, bills and receipts, and orders for hardware and lumber.

Pages 271-293 are stained with blue ink, apparently as a result of testing duplicating inks. Pages 271-284, which appear to contain doggerel and spurious correspondence, are almost entirely illegible and have not been filmed. Page 274 contains the notation: "this is a specimen written with Dextrin with [Besquichlor?]"

The book contains 488 numbered pages. Approximately 140 pages are missing. Twelve pages which duplicate other pages in the letterbook have not been filmed.

[illegible] Ward St.
[illegible]
[illegible]

[illegible] Morton Esq.
[illegible]

My dear Sir

In Yale Cases we are in the same [illegible]
[illegible] not [illegible]
[illegible] conversion.
The first [illegible] letter I could
not [illegible] you. I have lost it
[illegible] nothing satisfactory
[illegible] the [illegible]
[illegible]
[illegible] for my [illegible]
[illegible] letter
[illegible]
[illegible]

Yours [illegible]
Saml. R. Adams
[illegible]

1083 Broad St
Newark, N.J.
Aug. 16th 1895

Messrs Pierce & Jones,
Gentlemen.

Please make for me an overcoat without table division of 18 ounces for under-coat & suitable material for the same, & (1 1/2) yards & hundred & twelve. I hope you will be able to make it by 4th of next month. For gentleman will call in October 4th or 5th next.

Yours respectfully
[illegible]

Copy of what we propose to put in the Centennial & the space we want

Aug 9 1875

3

Quadruplex Telegraph. (transmitting 4 messages over one wire at same time)

Duplex Telegraph (transmitting 2 messages over 1 wire at the same time)

Automatic Chemical Telegraph (high speed system).

Roman Letter Chemical Telegraph (Printing in Roman letters)

Electrometograph (new discovery in Telegraphy)

Chemical Stock Reporting Telegraph

Type wheel printing Telegraph

Induction coils,

Condensers, Electrical copying presses, and various Telegraphic apparatus,

Fire alarm Telegraph

Domestic Telegraph Apparatus

I am the manufacturer and producer — These goods are entered for Competition

10 & 12 Ward St
Newark N.J.
Aug 10th 1895

Messrs Hidden & Co

Dear Sirs

If we are using large quantities of Grenet batteries for an electric pen we are having made, we should prefer to use your Lip battery if we could make arrangements to make the parts ourselves & get the glasses from you in lots of 100 or more. And we make any arrangement to that effect if so at what price could you let us have them, the price of course to include the royalty.

Yours Respy
Thos A. Edison
per Batchelor.

Mr Corkey,

Aug 10th 1870.

Excuse mistake boy made in tapping relay without box but he work all night + I left a note for him to take one I had packed he however took the one. Edison returned & gave me the 6 Keller pens for Order 150, 1426 Edison & Murray furnish Table, Wet Rect, Keller pens, Relays, Keys, Keo pens, Batt. send the few we have on hand are displeased if when I write telegram

T A Edison Jr Batchelor

11 Park St.
Newark N. J.
Dec 1st 1878

C. N.

Sir:

Seeing your advertisement in Scientific American we desire to inform you that we have such a process of reduplication by which we can take any number of copies on any kind of paper.

T. A. Edison
per C. Batchelor.

C. N.
Box 808
New York City

Mr. Cooper: Newark N.J. Aug 20th 1866
Letter of Aug 20th just
received. Been away from home
have sent a tracer after order.
65-1165

Chas. Batchelor

Geo. Cooper
U.S. Del Co
Ty. Monroe

Newark N. J.
Aug 20 1

To the Editor Telegraphic Journal!
Dear Sir

In No. 69 of your Journal July 15 1880 I find a system of Quadruplex Telegraphy described by Mr Reinke which is a modification of that invented by Stark of Vienna. We have had some one of the so-called devices for the transmission of two messages in the same direction at the same time described by Dibb Schellen, Blavier & others including all the times & still find that not one of them will allow of the transmission of a single word & a very small amount of experimenting will make this evident.

It seems to me to be a real shame that such theoretical devices are put on

Standard telegraph works to be brought out against future inventors as an evidence of priority

Respectfully Yours
Chas. Batchelor
16 Ward Street
Newark N.J.
U.S.A.

Newark N.J.
Aug 24th 1875

Jerome Ridder M.D.
Dear Sir

Our pen is an electrical writing pen. At what price could you supply us with the 25 batteries complete.

T. A. Edison.
per Chas. Batchelor

Jerome Ridder M.D.
Cor 14th & 4th Ave
New York City

Aug 24th 1875

A M Holbrook Esq.
Sir

I shall want about 10 feet by 10 feet to show a new system of reduplication of letters circulars

T A Edison
per Chas. Batchelor

A M Holbrook
11 Mechanic St
Newark N.J.

Newark N.J.
12 Ward Street
Aug 27th 1875

Messrs. Patrick & Carter.

Gentlemen,

I failed to get the (200) two hundred dollars cash for you but will get it as soon the treasurer of the C+D Tel Co gets home

Resp'ly yours
T A Edison
per Batchelor

Patrick & Carter
South 4th St
Philadelphia
Pa

Newark N J Sept 3d 1875

Messrs Gilliland & Co
10 & 12 Ward St
Newark

Gents

You will please manufacture for me one hundred of the autograph Presses one hundred Ink Rollers for same one hundred brushes one hundred Ink dishes one hundred writing boards at the following prices

Presses	Three dollars fifty cents ($3.50) each	
Rollers	one dollar	$1.00 "
Brushes		30¢ "
Ink dishes		10¢
Writing boards		25¢

Work to be commenced at once & rushed out. Presses to be japanned medium red & numbered 0 & numbered. Commencing. One board used in press otherwise same as sample

Yours Truly

Thos. A. Edison

Smith & Townley Newark Sept 3/75

Please give you following articles

Two pound bottle protosulphate Iron
Bottle Olive Oil
" Castor Oil
" Cod liver Oil,
4 oz Chloroform

6 lbs. Saltpetre
1/2 lb Citric Acid
4 oz Gallic Acid.
1/2 lb Oxalic Acid

Respy
T A Edison,

P.S.

1/2 lb Argol. 1 lb Carb Potash
1/2 lb Super phosphate Lime
1 lb Bisulphide of Carbon
4 oz Gum Tragacanth
1/2 lb Gum Copal
1 lb. Gum Guiacium
Quart Flax seed
1/2 lb Tamboogo
1/2 lb. Cinnamon
1/2 lb Licorice
1/4 lb Gum Sandarach
2 lbs. Sulphate Zinc
8 oz Nut Galls,
~~1 lb~~ lb Sulphurous Acid
T A Edison

Robeck & Goebler
Tents

Newark Sept 3rd 1871

Please send C.O.D following articles
Pound of Proto-chloride Iron
1 Large bottle fuming Nitric Acid,
2 oz Acetate Mercury
1 lb Glacial Acetic Acid,
4 oz Chromic Acid,
~~Bottle~~ fuming Sulphuric A (Nordhausen)
lb Sulphite Soda
½ lb Sulphate Soda,
2 oz Nitrate Uranium,

Yours

Thos. A. Edison

10 & 12 Ward St
Newark N.J.

Newark Sept 4. 1886

Condet & Hanson

Please give bearer 1/4 lb Aneline Scalet

H. A. Parson

10 & 12 Ward St —

This was given to Smith & Townley

Batchelor

Sep 6th 1875

John Ott.

You will proceed to make (100) one hundred electrical pens, the same as model to be delivered in (3) three weeks as follows:-
Ten (10) the first week
Thirty (30) the second week
Sixty (60) the third week
& commence Sep 9th & for which we will pay the sum of (1) one dollar each

Chas Batchelor

Ott Pen

Sep 6th 1879

The first ten only taken

John Ott,

You will proceed to make (10) Ten pens same as model by hand & be delivered to the Laboratory by September 1st 1879 for which we will pay (4) Four dollars each.

You will then proceed to make the necessary tools for manufacturing them for which we will pay (20) Twenty dollars the said tools to belong to us.

You will proceed to manufacture from these tools (100) one hundred pens equal to models made by hand & deliver to us as follows

(10) Ten on the 29th of September
(30) Thirty on the 6th of October
(60) Sixty on the 13th of October

We will pay for this hundred the sum of (1) one dollar each.

T. A. Edison per Batchelor

Sep. 13 5.

Messrs. Haggerty Bros
Agents

Please to send as (1) one gross of (12) twelve ounce bottles at (4) four dollars per gross the same as our brand selected last Friday & oblige

T. A. Edison
per Batchelor

Haggerty Bros
Wall St
New York.

Sep 13 5

Messrs Conrad & Hanson
Gentlemen
Please give us your
price for the different qualities of
Aniline Violet. We do not care so
much about the delicate tint as
the tinctorial power
Respectfully Yours
J. R. Edson
Per Chas. Batchelor

Conrad & Hanson
Market Street

Sep 13 5

Messrs Phelps & Co
Gentlemen
At what price
could you let us have flexible
covered wire like sample enclosed
in quantity
Yours
T A Edison
per Chas Batchelor

Phelps & Co
Providence R.I.

Sep. 13 5

Messrs Rothbert & Goebeler

Gentlemen,

We do not understand why you should charge us $3 for the small size Grenet Battery as we can get them elsewhere for $1.50. We considered $2 was amply sufficient.

On the ones you did send the brass ferrules were all loose

Yours Respy

T. A. Edison

per Chas. Batchelor

Messrs Rothbert & Goebeler

4 Murray Street

New York.

Sep 13 5

Friend Field,

I enclose you a circular printed by my own autographic press, which will give you an idea of what it will accomplish. The apparatus consists of an electrical pen, press, inking roller, bottle inkr, & all nicely whole thing got up substantially & neatly at the low price of $30. We have sold the general agency for the New England States, New York, Penna, Wisc, Iowa, Ohio & Illinois, our agent in New York is selling a few day only are mind like by Com merchants, Harpers Inc Co, etc & no difficulty at all is experienced in selling them. If you would like to take hold of the Pacific Coast or can recommend a reliable energetic person who would deserve & appreciate an arrangement with you. We supply them to agents at $20 each will send you single sample at that price if you wish to go into it. I am exhibiting at nearly all the industrial fairs where it attracts great attention. Let us hear from you. This offer is open 20 days from date. Yours

Chas R Collins
per Batchelor

P.S. There's more money in this than telegraphy. It is to the Country house what sewing machines are to the home circle.

D D Field
San Francisco
Cal.

Sept 19 1878

Messrs Philips
Gentlemen.

At what price could you supply us with a cotton covered double conductor flexible cord. each conductor to have a resistance about equal to sample enclosed. If you could send us a sample of what you have in that line would feel obliged

Respt Yours
T. A. Edison
per. P. B. Wilson

Philips &c
Thomaston Con

Filed

Sept 16

The Mercer Mfg Co

Gentlemen

The wheels we charge $30 for the lot 24 wheels.
We can let you have a milling machine at (200) two hundred dollars
also a small punch press at (50) fifty dollars.
These are all cash & shall require the money down before they leave the shop

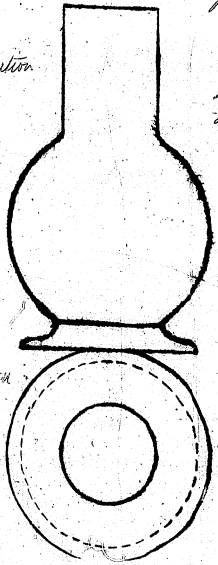
I A Edison
per Batchelor

Mercer Mfg Co
Trenton
N J

Sept 14 5

Mess. Haggerty Bros.
Gentlemen.
Please to give us price of bottles, the size & shape of the drawing by the gross & let us know how soon you could furnish us with two or three gross

Respectfully Yours
Thos. A. Edison
per Batchelor



Haggerty Bros
Pearl St
New York
Pets

Sep 22nd 85

Norman C. Miller Esq.
Dear Sir

Mr Edison goes to Michigan to day & he instructs me to say, that when he returns next Wednesday he would like to see you, & will fix every thing with you at that time

Yours Resp.
Chas. Batchelor

N C Miller
Room 14
61 Liberty St
New York.

Sept 24th 6

J. B. Fuller, Esq.
Dear Sir,

Mr. Edison left last night for Michigan & will not be home till next Wednesday when I will lay before him your letter & samples so that you need not expect a reply for at least a week.

Chas. Batchelor

J. B. Fuller
496 Cherry Street
New York.

Sep 20 '5

Wm G. Mack Esq.
Dear Sir,

We decide an agency for our "Autographic press" & have appointed B. F. Johnson Esq. our manager in Philadelphia & whom we refer you to. His address is

B F Johnson
S.W. Cor. 20th & Poplar.
Philadelphia Pa

Respy Yours
J A Robson
for Thos Richeson

Mr. G. Mack
37 Sth 10th St
Philadelphia Pa

Sept 28 -

Messrs. Haggerty Bros
Gents

Please make for us at your earliest convenience (2) two gross of bottles like our sample sent of good glass well made at (24) twenty four dollars per gross & oblige

Thos. A. Edison

per Chas Batchelor
Supt

Haggerty Bro
Wall St
New York.

Sept 20th 5

W. L. Sargent Esq
Dear Sir

Shall be able to send you a circular in a short time. We do not sell them in Mass. unless we have an agent there to look after it. The "Autographic Press" consists of pen, battery, press & roller with a pen adjusted such as Ink, brushes, &c. The pen is a tube about the size of a pen holder and a very small electric Engine on top of it which works a needle in the tube which punctures small holes in the paper so you write it is very simple & can be used as an ordinary pen, the battery is complete in handsome bottle & drives the engine, after the letter is written it is put in the press & the roller being soaked with our ink is rolled over it & puts the ink through the punctured holes into the paper underneath as you see it is just the same thing as a stencil & sheet only on a much finer scale I send you a sample of the printing before any copies has left the

L. L. Edison per Chas F. Batchelor

Geo. F. Allison
W. L. Sargent

L. S. Reynolds Chicago
Odell

L. S. Reynolds Newark N.J. Sep 28th 1875
Chi & N.W. R.R.
Chicago Ill

Sir
We have not an agent in Chicago at present but shall appoint one next week when I will hand your letter to him & have him call on you & show you the machine

T. A. Edison
per Chas Batchelor

Hafgoty Bro Oct 7th 1875
Gentlemen
Please to stop on the bottle as I want to change the shape I will call & see you tomorrow

Thos A. Edison
per Chas Batchelor

Hafgoty Bro
Platt St
New York

Sep 29 5

The Domestic Tel Co

Gentlemen

Enclosed find bill for (50) & (20) rolls paper, we want a requisition for the 50 rolls, which please send right away. In future we shall require a requisition or an order in writing from the superintendent of the company before we send any paper away

Thos A Edison
per Chas Batchelor

Autographic Press.
Caveat No 2 Oct 2nd 1870.

The object of this invention is to effect the multiplication of written characters.

The invention consists in various devices for perforating or punctuating paper whereby the multiplication of copies is brought about.

I further claim in devices for applying the ink, effecting the impression, and formulas for making ink.

In a previous Caveat I have disclosed various devices for punctuating the paper to such and different wants, and this Caveat I shall disclose various modifications in the mode of effecting the perforations with a view of adapting the most practical & economical devices for use

(2)

In figure 1 is shewn a perforating pen the perforating needle being vibrated by a small electro-magnetic engine placed upon the top of the hollow tube the action of which has been described in my Caveat No ——

The modification consists in adding an extra tube or solid rod A so as to enable the writer to hold the pen in the usual position instead of attempting to learn to hold it perpendicular

The same object is attained in the device shewn in figure 2 the extra tube or rod being dispensed with and the engine enclosed the perforating needle remaining

(3) (4)

in a perpendicular position

Fig 2 Fig 4 Fig. 3.

H is the hollow tube through which the reciprocating rod c plays. this rod is pivoted at to the lever a [illegible] centre [illegible] the [illegible] at e the fulcrum of the lever a a and [illegible] to at g the pin carrying needle [illegible] is secured [illegible] at [illegible]

It will be seen that although [illegible] the whole apparatus may be inclined at an angle [illegible] equal [illegible] in curling with [illegible] by the [illegible] my ordinary [illegible] through the [illegible]

In figure 4 [illegible] a method for giving motion [illegible] reciprocating [illegible] needle

secured [illegible] the [illegible] [illegible] between the two [illegible] by [illegible] [illegible] the spool [illegible] [illegible]

(4)

[illegible]

Eff[illegible] [illegible] 4 [illegible]
Can [illegible]
Conn[illegible]
[illegible]
[illegible]

The helices M M are hollow, through
their centre passes the rod core
[illegible] and [illegible] in centre.
[illegible] iron tongues N N are
placed at each end of the
spirals and serve to attract
the core at the proper moment
when it becomes magnetic
by the passage of the current
through the wire surrounding
the helices, the arm [illegible]
reciprocating rod [illegible] is
connected to the rotating
arm between the two helices.
By thus arranging the
spirals a very powerful

(4)

effect is accounted for the demand
can be accounted in a very
convenient manner.
In fig 1 is shown the ordinary
engine for giving motion to the
reciprocating parts and the
fly wheel of the electric generator
which may be
an adjunct of the engine is
established the act as a fly wheel
thus dispensing with the
ordinary fly wheel and
diminishing the weight of
the fly wheel. The weight of
generator to the reciprocating
parts and the current is
taken off the shaft by
contact springs and
the electric energy is
collected by the usual
brushes. The armature of course
revolves with

Fig. 5

Figure 6 represents a self vibratory apparatus

A is the pin. B is a magnet which serves to attract the lever B giving motion to the puncturing needle C is a detachable spring serving to draw the lever B back after having been attracted by the magnet A. D is

7

a self vibrating secondary magnet arranged with same current as A F is the battery which furnishes power to both D & A & with contact breaking spring. when the lever of D comes in contact with the current is closed and the lever of A is drawn to the face of A penetrating the paper at the same time the lever of D is attracted and pressed as it strikes the [illegible] the contact is broken & the lever is drawn away by the relaxed spring these vibrations go on with great rapidity. A. D.

8

Another modification consists in having a separate electro-magnetic engine for furnishing the break of the current which is in many respects more reliable than the self vibrator that is shown in Fig. 7.

A is the electromagnet giving motion to the punchers, B is an needle, B is an ordinary self acting electro magnetic engine similar to those used upon the gens themselves. The magnets of B are placed in the same circuit as A and the breaks of the circuit which are necessary to allow the armature of the engine B rotate serves to give motion to the lever of A.

In fig 8 is shown a self vibrating electromagnet or rather double electromagnet wherein the full play of the lever is allowed. H & H are the electromagnets, C & C are the vibrating levers, C is a contact lever for changing

10

The currents from one electro-magnet to the other, d and e are contact points, H is the battery. Suppose the lever c has just been attracted by the magnet H' the lever c is thrown in contact with the point e, breaking the current through H' and throwing it into H. ~~the magnet~~ the lever c is then attracted by H and just as it reaches the limit the lever c is thrown in contact with the point d disconnecting the current from H and placing it in H' thus a very rapid motion is given the armature c to which the pendulum rod is screwed.

(11)

I will assume that all the electromagnets might be replaced by polarized magnets and the current removed through them by suitable contact breakers either connected or disconnected from the magnets. Perhaps in practice polarized magnets would be found preferable in many instances as the line would necessarily receive full play in being attracted by the positive or negative pole.

I will now describe small device wherein magnetism is replaced by other sources of power

(12)

In figure 9 is shown a device for puncturing the paper by mechanical means. A is the holder to be grasped by the hand ~~[illegible]~~ ~~[illegible]~~ a is the cam and square for giving a reciprocating motion to the needle bar 6 is a shaft upon which the cam is secured the shaft runs within a slotted tube D. upon the extreme end of the shaft is a pin c passing through a long slot in the tube D allowing the shaft to be drawn in and out of the tube after the manner of telescope tubes, but is prevented from turning by the slot & pin C. The tube D is connected to the ~~[illegible]~~ shaft G by a universal joint at f. thus allowing the

(13)

The pen x to be placed in any convenient position for writing while the tube d shaft b is rotated and the puncturing needle is reciprocated.
The shaft a is rotated by foot motion similar to that employed upon sewing machines and similar applications, or a handle may be attached to the shaft a and rotated by the left hand of the person writing or rotated by any other source of power.
In figure 10 is shown a method of giving motion to the shaft x connected to the reciprocating puncturing needle,
b is a fly wheel secured to the shaft x. a is a ratchet wheel, also connected to the shaft x.
c is a prong with a check

engaging in the teeth of the ratchet wheel, this pawl is secured to the rod d. The pin is to be grasped in the right hand of the operator while with his left hand the rod d is turned at intervals giving a reciprocating motion to the pawl c and click which engaging in the ratchet wheel a gives motion to the shaft f. The fly wheel serves to keep the motion thus imparted even.

In fig 11 is shown a device in which the rotation of the needle shaft is effected by water power or other liquid falling from a high to a lower level

F is a stand ~~[illegible]~~

D is a gas containing

water or mercury; & provided with ~~a~~ flexible tube C, connected to the small lantern or water wheel with the tube C upon the pen D leading from D is an letter tube which delivers the water from a D into B and reservoir E. The passage of the liquid through C serves to give a rapid motion to the deaf. wheel inside, after the liquid in D is nearly exhausted it is dipped out of E ~~and~~ & replaced in D or the reservoirs may be so arranged that they may be exchanged. Fig 12 is shown another mechanical device for vibrating the puncturing needle and at the same time giving it a freedom of motion

18

a is a star patent wheel
rotated by hand or other
power of power
B is an anchor pivoted at X
upon the end of the lever d, is
secured a stiff spring
which in its turn is secured
to the needle tube. the
tube is mounted in such a manner
that it will be vibrated
without being withdrawn from
the tube when it is moved
about the spring c should be
to accommodate itself to the
movement of the needle tube.
In figure 18 is shown a device
whereby the movement of the
needle tube in the act of
working is made to give
motion to the needle.
A is a heavy brass wheel

17

laying on the table, and secured to the arm B. which forms a part of the pen holder upon the side of the wheel. The pulley C is a bevel gear wheel which serves to rotate the shaft Carrying the Cam a. by meshing into another bevel gear wheel d connected to the shaft. The wheel C derives its motion from the belt n on the pulley by its side, the movement of the pen in the act of writing which back or forward turns the belt and thus gives the shaft its motion. It is obvious that very fine writing cannot be done very well with this device. Fig 10 14 is shown a very practical method of driving the needle by the needle

Fig. 1.
Fig. 2
Fig. 3
Fig. 4
Fig. 6
D
F
Fig. 5
Fig. 7.
A
B

14

Another device consists
Connecting a very small steam
engine similar to what is
known as the dollar engine
upon the top of the pen holder
and connecting the pendulum
pen to it in such a manner
that a vibratory motion is
obtained, the steam air or
other gas being led to the
cylinder by flexible tubing
~~[illegible]~~ even the
boiler lamp and engine
may be constructed so small
that the whole can be placed
upon the pen holder without
much inconvenience.
I will here mention that
when a simple electro magnet
is used to move the needle
on top of the tube that the

breaks of the current may be performed by a break wheel secured to the shaft of a constantly revolving clockwork or the break wheel may be rotated by hand like the transmitter of a pneumatic Telegraph,

I would also mention that the Electrical Engine may be clapped to the arm and connected to the working pen by a flexible or universal joint shaft or spiral wire, which will lessen the inconvenience due to the weight of the engine on the pen itself —

For compressing air to be used in a cylinder for vibrating the needle I prefer to use the double bellows compressing

~~Smoke~~ used by Chemists for blow pipe analysis.

Having thus described the various devices for ~~puncture~~ obtaining motion for puncturing the pain I will now describe the methods for securing the puncturing needle in the needle bar.

Fig 15 A is the needle bar, B the needle which is of the ordinary character a small hole is drilled in the bar and the needle mounted, the needle should be a shade larger than the hole. in fig 16 the bar A is slotted and a rapid screw cut in it to extreme end upon which is placed a nut C the needle being placed in the hole in the center of the bar it is clamped lightly by

tightening the nut.
In fig 17 the hole in the bar is drilled out of true the friction of the needle is sufficient to hold it in its place. in fig 18 a hole is drilled in the bar and the bar slotted making the two parts of the bar opening length likely holding the needle. fig 19 the needle is held in position by a pin passing through the bar & eye of the needle. fig 20 the needle is secured by a small water screw. fig 21 a thread is cut on the end of the needle. fig 22 the bar & needle is made in one piece. fig 23 the outside end of the bar is made needle shaped. fig 24 the bar is pranged.

with a punch so as to cut out small disks of paper in the form of a punctum, and so suitable for certain kinds of work when plenty of paper is allowable. To vibrate the punch, fig 23 same as 24 except that an extra needle is used to keep the punch free of paper disks. fig 26 shows a double pointed needle suitable for certain kinds of work.

The Raden which I prefer to use for placing the ink upon the punctured sheet is composed of a number of disks of cloth ~~felt~~ or other soft material

pressed closely together upon a shaft and held by a forked handle the disks of cloth are turned almost true by a razor edged tool in a lathe.

The disks may be dispensed with and yarn wound upon a tad provided with flanges at each end. Even a wooden tube may be placed upon the shaft between the two heads upon which the yarn can be wound thus forming a quantity of yarn or the wooden roll may be filled a [illegible] an inch deep

or covered with what is known as "rubber sponge" Compressed sponge or soft leather may also be used. Even the inking roller may be dispensed with and a brush provided with very short bristles used to force the ink through the holes of the punctured paper — give the requisite pressure. Or a wooden roller may be used and a flat cloth soaked in ink may be placed upon the paper stencil and the ink forced from the cloth to the stencil by the pressure of the wooden roller or by a flat plate pressing on the cloth ~~at~~ at all points

at once as in certain plumbing processes.

The battery which I prefer to use consists of a plate or plates of gas retort carbon and zinc in a solution of Bichromate of Potash & Sulphuric acid, the zinc plate being arranged in such a manner that it may be lifted out of the solution when the battery is not in use. The inks which I use have already been described in a previous caveat relating to this subject. I will here mention that the various chemical ingredients for the formation of inks may be placed in oil, melasses, glycerine or other

of great specific gravity and
if valuable be used at once or
if invaluable ground in a
paint mill,
When it is desirable to trace
drawing, etc. by puncturing
from another drawing
the puncturing paper may be
soaked in a oil or balsam
which will give it a semi-transp.
and placed over the picture
or the picture etc may be
pasted upon the paper to be
punctured and the punctu
point made to pass through
both this paper & the
drawing itself - or the
picture may be transferred
to the paper to be punctured
by soaking the picture if
printed with printing ink

27

I claim ~~modestly~~ claiming Tabulem of a caustic alkali; and producing by processes =

I shall claim

1st. various devices shown for giving motion to the pneumatic needle;

2nd the methods shown for securing the needle to the needle bar

3rd the use of an inking roller composed of disks of soft material,

4th The inking crush for the pneumatic self feeder =

T. A. Edison

Newark Oct 3rd 1875

Fig 8

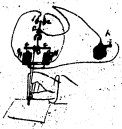


Fig 9

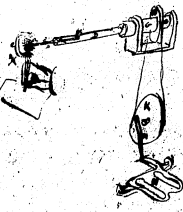


Fig 10

Fig 11

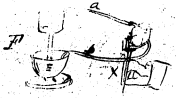


Fig 12

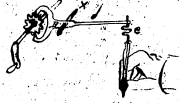


Fig 13

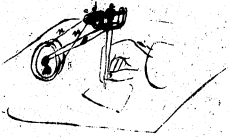
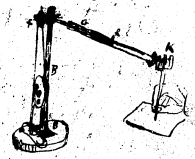


Fig 14



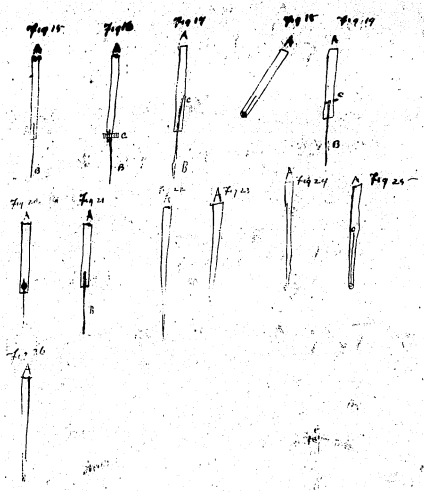


Fig 15.
Fig 16
Fig 17
Fig 18
Fig 19
A
B
C
Fig 20.
Fig 21
Fig 22
Fig 23
Fig 24
Fig 25
Fig 26

Oct 7.

The Electrical Construction & Maintenance Co.

Gentlemen,

We send you enclosed two contracts, sign one of which you will kindly return the other. As soon as you can we have allotted you all we can spare. Also send you by express C.O.D. one green complete at $20.00 with instructions.

Yours
Robert L. Stevens
Thos A. Edison
by Chas. Batchelor

Memorandum

If Mr Miller will take general charge of the entire business I will give 40 cents net on each machine sold in the U.S. At a time if it is found advisable to stock the Crew, Mr Miller to to receive a portion of the Cash stock, as 30 is 1000.

Mr Miller is to arrange agencies, sign and complete contracts, keep all books accounts act as treasurer, etc and generally give his whole time and attention to the business.

In stocking the machine.

Capital 200,000. divided in two thousand shares par value 100 each

Of money paid in Edison & his partners receive 16,000. and 1000 shares, Jerch receive 1000 shares to be paid up, the remaining 1000 shares to be

2.

Copy of Memorandum between Edison & Bachelor

Memorandum [illegible]

Mr. Miller will make general change of [illegible]

[illegible] Edison

Bachelor [illegible]

[illegible] Edison

Chas Bachelor

Geo Adams

Mr Miller is to arrange expense [illegible]

[illegible] Capital of Contract with [illegible] treasurer, etc and generally give his [illegible] attention to the business.

Application for patent has been made & the papers have been filed

Com Capital $75 [illegible] etc =

thousand shares par value 100 each

[illegible] Company [illegible] Contract

[illegible] Capital stock [illegible] Edison [illegible] $6000.

sold for 20000 cash 16500 being paid to Edison etc. and the balance 3500 to be used as fund to purchase 300 machines, offices furniture etc and the making of a power press, patents —
WO to receive 250 shares of Edison & Partner Stock for work in disposing of the 1000 Treasury Stock.

The Agents we now have are
Electrical Construction & Co San Francisco.
Nevada California, Oregon Washington Terry. & Columbia
P. Mallbaney New York City, Chas Meyer
Maryland - B F Thorn Philadelphia,
W C Blanchard Massachusetts Michigan, W C
Boston & Sta New York State & New England.
Shatter & A Clark Brooklyn,
— Wood, Jersey City.

~~Mortgage~~ 3000. ~~all at the Furniture~~
~~32000 Cash~~ - ~~Countries~~ ~~having no~~
~~Patent laws to be supplied by US~~
~~Company~~

T. A. Edison

With the present agents only they are found to sell 40 presses each week and I estimate that when all the general agencies have been taken and each general agent has established sub-agencies that about 50 presses per day will be sold leaving $800 per day profit.
The total cost of each complete apparatus is $10. with a margin

[illegible] funds

This memorandum of agreement entered into
[illegible] day of by and between
[illegible] of Newark Essex Co State of
New Jersey party of the first part and
[illegible] Cole of the City State & Co of New York
party of the second part and [illegible] Clark
of the City Co & State of New York party
of the third part witnesseth.

Whereas the said parties of the first
part has made a new operating
telegraph and have nothing except a
[illegible] in transmitting Clearances from
brokers offices to the Stock Exchange
and to dispense of disappearing a portion
of the [illegible] business and Co
introduced, and
Whereas the said parties of the 1st and third
[illegible] a certain interest therein
Therefore be it agreed
That if the said parties of the second
part shall pay for the [illegible] Instrument
Machines a sum not exceeding one
hundred and seventy five dollars

and will furnish all necessary funds to purchase one hundred complete sets of operating or working apparatus shall be required and to meet the necessary incidental expenses of such apparatus he shall be entitled to a one third interest in and to the patent for such machinery and one third of all net profits arising from the use, sale or rental of such invention within the United States of America.

And if the said party of the third part shall ~~[illegible]~~ [illegible] whole ~~[illegible]~~ rights, patents and collection to the introduction and running of such Brain Telegraph he shall be entitled to one third of ~~for~~ all the net profits arising from such invention.

~~[illegible]~~

Oct 5th 5

W. D. Clark Esq

Dear Sir – We are ready to go ahead with the Stock exchange project When you can give me the order as per enclosed –

Yours Truly
T. A. Edison
N. Johnson

NY Oct 7th

T. A. Edison

You can go ahead and manufacture one receiving machine and one transmitting machine for the transmission of Broker's Orders from their Office to Stocked Boxes in the Stock exchange –
If the machine performs the operation I will pay your bill for the same to an amount not exceeding Six Hundred and Twenty Five Dollars

Armstrong

Will obtain from Domestic Telegraph Co sole licence for Cincinnati to use the system during the life of the patents also 1 Recorder 1 back point relay and 1 box for $2200. Cash

Will invent and make one pair of private line printers 60 revolutions per minute and assign whole patent for the old except the city of N York for $1000 Cash payable when the printers work satisfactorily and the chief chemist (Chemist Thos) the patent says he sees no infringement

Cannot give you exclusive agency for Cincinnati as I have a been in treaty with other parties Can sell you any number at $1.25.

Compt

T A Edison

Ucx 6 5

Messrs. Phillips & Co.

Gentlemen,

Enclosed find sample of double conductor flexible cord. We want it exactly like this but covered with cotton & made it as cheap we want the price of it covered with silk also as if it is not too dear we would rather have it.

We shall use large quantities of it please give us price of it in quantities of (1000) one thousand feet & more.

Yours Resp.
Thos. A. Edison
per Chas. Batchelor

Oct 15th 73

J. O. Clephane

Dear Sir

I have ordered Reeffs machine to Shop and will alter it to a punching printer and send to you

Regarding the agency for the press all I can say at present is that you will probably have Washington N. C. Miller of New York is to take Charge of the press business next monday & I cannot make any arrangements until he is ready for business, I shall not be able to supply presses for 15 days as our report agent has sold all we had & will have up to that date,

Will write you as soon as Mr Miller gets his office fixed up

Resp

Jas Dickson

Oct 14

S. S. Neck Esqr.

Dear Sir,

Your last is all ready to ship but owing to my patent solicitor having instructed me not to send anything over till he has heard from the patent office it has been delayed a little but expect to be able to ship it this week. Hoping it has not inconvenienced you

I remain Respty Yours

Thos A Edison

per Batchelor

Oct 11

B F Johnson Esq

Sir

We send you to-day P.O.O. for (7) seven dollars your Commission on Dettaven & Lorencelo's press

Respy Yours.
Chas Batchelor
Treas

B F J the others are not yet come to hand but expect to-day
Monday Mng 5 A.M

B F Johnson
4th Sth 3rd St
Philadelphia
Pa

Newark Oct 14 1895

Dear Sir

Sorry we were not able to keep up the supply of presses but expect to have another lot ready in a few days when your orders shall receive our especial attention.

Yours Respy
Thos A Edison
P

J Ridlebarger
Jr Dep'd
New York

Gentlemen,

Newark, N.J. Oct 14 1895

Our presses are going so fast that we cannot keep up with the demand yet I expect to have another lot out this week when your order will receive our attention.

Yours Respy
Thos A Edison
P

Harris & Smith
12 S. 3 Street
Philadelphia Pa

Oct 19th 80

B. F. Johnson Esq.
Dear Sir,

Shipped you by express
to day 1 Iron Base Press
1 Roller
1 Distributing Box

Please return old one.
We shall endeavour to fill Fugas & Davis & Smith's orders this week
I have got some first rate cord for connections now & we are fastening it different. Davis of Pittsburg out to hand but expect it every day
Farman Rogers of Philadelphia now at Newport R.I. has a type writer & will be likely to take one of these
Soon be able to ship you any quantity of machines

B. F. Johnson
Sec 9th St
Philadelphia

Thos. A. Edison
per Batchelor

Cont'd 5

Messrs Rohrbeck & Grebeler.
Gentlemen,
We got from you last winter a black paper box containing 100/one hundred small bottles numbered from 1-100
Bottle 32 bottle like
" 81 bottle like Potsdater Selleriwasser
in which there was nothing to denote what the content of each bottle were
Please send us a list if possible as they are no good without.
Yrs. A Edison.
per B. Batchelor

Rohrbeck & Grebeler
Murray St
New York

Oct 19 6

W. H. Blennerhasset Esq.
Sir

We have been so pushed for Presses round here that we have never been able to send you one; but can send it the beginning of next week. We shall be in position to supply all that is needed in another week.

Yours Resp.
Thos. A. Edison
per Batchelor

Oct 26 5

R. F. Johnson Esq.
Sir

Davis of Newark has refused to accept the press sent C.O.D. so I have ordered it returned to Newark N.J.

Resp. Yours
Th. A. Edison
per C.B.

R. F. Johnson
Esq. 3 P.

Oct 26th

Messrs Marks & Smith.

Gentlemen,

Your Dust was shipped yesterday but with an old style battery which we will change as soon as we get the new ones without charge to you, knowing you were anxiously waiting for it we were obliged to send this as the new ones could not be out till the end of this week

Respy Yours
Thos A Edison
per TB.

Marks & Smith
18 South 3rd St
Philadelphia
Pa.

Oct 25th 5

Messrs Haggerty Bros
Gentlemen,

I bought ~~about~~ a case of bottles last Saturday from you to put of cinkar of moulding. I find that I can cut these off much cheaper than have them moulded so you need not have a mould made for the jar I left. What I want to know is whether I can get any quantity at the same and got these of course not less than a case at a time.

Your Respy.
Thos A Edison
per B.

Haggerty Bros
Plumbers
New York

9. 3

Oct 29. 0

S. T. Johnson Esq.
Dear Sir
Received Blanc & Smith's
money & paster & return commission
less within bill for roller & cints
sent you two days ago.
Enclosed find p.O.O. for (six) 6 dollars
Respy Yours
Edwd Batchelor

S. T. Johnson
43 South 3rd Street
Philadelphia Pa

[33]

The object of this invention is to transmit and record over telegraphic wires autographic writing.

The invention consists 1st the method of transmitting from the original manuscript. 2nd the method of synchronously moving the various parts of both the transmitting and receiving machinery — 3rd in the method of manipulating the waves of current to obtain clear and distinct writing. the method of transmitting from punctured paper. The chemical solution for recording. and other devices for performing the various operations

In fig 1 is shown the method of opening and closing the main circuit.

P is the original manuscript which is to be transmitted. It consists of high glazed paper and the characters are w[illegible] with ordinary ink (preferably copying ink)

This sheet is laid upon a plate which may be moved backward and forward.
A is a lever arranged in a similar manner to the lever of my Electromedical graph already published. It is pivoted at M and is free to swing either endways or downward from its extremity is a finely smoothed pointed screw or stylus upon the paper at its extreme end is the contact point which plays between the contact screws e and f. Secured to the arm G the spring B pulls the lever point down upon the paper while the spring C pulls it to the right.
The operation is as follows.
Suppose the plate upon which the paper is wound be moved along to the left or the paper moved or it be a disc

right to left. The tension of the spring B is such that there is insufficient friction between the point d and the paper to move the lever A against the tension of the spring C hence the lever will remain in contact with the point e and open the main circuit but if an ink mark passes under the point of d the friction is no longer smooth but on the contrary is very rough & the friction is increased so greatly that the lever is moved to the right from e and put in contact with f. This connecting the main battery to the line for a period of time equal to the time taken for the ink mark to pass under d. The fainter the ink mark is sufficient to move the lever A with force and promptness.
This shows that the operation could be reversed the paper be a white one & a sympathetic solution used in other part of the

4

the paper exceedingly rough & place great friction upon it & would

The ink used being of such a nature that it would either decompose the lead and salt & lessen the friction or give a surface tarry which would be smooth in this case

~~Second~~ The ink should be connected to the point by and the platten or cylinder moved in the same direction as before or vice versa.

Another mode of increasing the friction consists in dampening the paper with a certain salt and writing with an ink which strikes a bulky precipitate with the same thus raising the marks up ~~and the raising of the lines~~ which striking against d would throw it to one side while paper passing ——

or the marks raised marks could
be made to raise the lever
and close a plate in a point
In this connection I will
mention that of a dispatch
is written with an ink
composed principally of
Bichromate of Potash, the
passing it over a gas flame
causes the marks $\frac{1}{32}$ of an
inch high, a fact which I
hope to take advantage of
in this connection.
The message might be written
upon soft thick India paper
with an agate stylus thus
indenting it which would
if used in the manner shown
in fig. 1. would necessitate
friction when it dropped into
an indentation,
or the same could be of
such a depth that they
would return and lower a
lever sufficiently to open
and close the main line
circuit

will show upon the surface of the tin foil underneath what in the case forms one pole of the battery. It will be found that when the hydrogen has reduced the metal it is exceedingly rough and can be employed upon the second occasion in the same manner as the paper was used on Friday (1) =

I do not wish to confine myself to ~~either~~ any particular metal or either reducer or oxidizer or any particular solution for washing the paper as there are many solutions which when applied upon the surface of the metallic cylinder or plate upon which the paper rest would form a coat of the metal which would adhere to the metal causing the impression upon the paper to be of a

A better very little movement of the lever A Fig 1 can take place and with a part would be very considerable if used upon a long lever in the ordinary manner of connection. I have used the short one because it is which is an Electromagnet wound with a great number of convolutions of wire and a high resistance which effectively kills the spark.

When it is desired to respect the chalographic delineation from or amongst the other ~~them~~ with the friction plan the reversed the paper may be reversed upon paper.

Saturated with a ~~chlorine~~ ready decomposed solution for metallic Chloride of Sodium Potash or ammonium, the paper resting ~~on~~ upon a sheet of tin foil and so connected that the hydrogen will reduce it. The marks instead of being raised are disclosed upon the top. (Phrases covered by Patent of Feb 7 1841 and 1)

Again if a [illegible] of [illegible] or [illegible] either with or without a condenser set be used to galvanize the paper [illegible] memory will be set free upon the tin foil or other metal and analyzing with it quite identical writing often a few seconds when it is brought away which of scarcely any depth [illegible] seems to diffuse the lines it when the point passes over it =

Fig 2 shows a top view of fig 1 In figure 3 is shown a method of connecting the wire so as to ensure correct and big results of the distant station D is the receiving battery connected to the point of which is connected to the earth

by the lamp which unite is mounted by the silk marks upon the mamment under the point =

After connecting the battery D to the line for an instant the lever comes up contact with the point f. placing a smaller battery E of having opposite polarity connected to the line in connection with it through a resistance R shunted with an large condenser

The object of the resistance and condenser is to cause the first portion of the wave to be very strong and gradually die away to almost nothing.

In figure 4, is shown another method of transmitting the manuscript being in the form of signal writing. (12) The characters are formed of impressible holes or punctures made with a vibrating needle which has already been described in my Consent relating to the Electrical writing pen and Autographic printing press for the reduplication of manuscript, which filed — 1875.

A is a lever pivoted at B swing back and forward a distance equal to the length of the plate P upon which

The perforated manuscript is placed.

d is a lever pivoted like a sounder lever & playing between two points f & g. d is a smooth sleigh with a flat end and is a little smaller than the punctures holes with manuscript. The lever d is held against f by a suitable retractor spring. a rapid upward & downward motion is given the lever by a magnet e which is placed in the same circuit as the Magnetic Engine which is provided with a self acting Circuit Closer consisting of a lever on the Engine shaft the spring 7 & Screw

Fig. 6. B B is the
rubber, when the engine
is in motion the contact
spring 7 opens & closes
the circuit with great
rapidity & allows the current
to magnetize & to
vibrate the lever d also
with great rapidity.
When no puncture is
passing underneath the
point of the wire 2,
the extreme point of d
chokes up the paper
over the lever e
from coming in contact
with the point 3.
Beneath the main current
remains open but the
moment holes pass
underneath the choking
of the paper ceases to
exist and the current
passes through the hole
to the metal

upon which the paper lays is
therefore d comes in contact
with 3 & closes the main
circuit & ending a wave to
the distant station &
recording a dot upon the
chemically prepared paper.
The action that the
engine may be replaced
with a self vibrator like
those used in induction
coils or a clockwork
break a real or apparent
turned by hand or other
power or any device
by which the current may
be opened and closed
with great rapidity.
Even these devices might
be dispensed with and
a self vibrating armature
placed upon the lever
d so that it would
vibrate of its self

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the "Lever" plan is a good one.

The plate P is moved forward by the pinion 4 engaging in a rack upon the back of P. The pinion is left free to be moved by hand by an knob [illegible] at the moment that A is at the limit of movement to the right by a movement imparted from A for instance a rod [illegible] which [illegible] Chuck.

In figure 5 & 4 shown another method of shifting the Carrier

14

[illegible] in the case of a [illegible] which is moved by bevel gear [illegible] the elements are all [illegible] properly and moved [illegible] the lever up and down by engaging in a [illegible] groove upon the lever [illegible] of a plate which is [illegible] to 1 eleven [illegible] which is provided [illegible] is a quick change [illegible] formed motion by a second element with crank X at e to [illegible] upon which a wheel seems to be [illegible] to shift (The plate 29 when it is released [illegible] lifts) =

The feeding device is also

a sonnet of a long
rich, sonorous, in the
the [illegible] hunt of the
[illegible] of B. feeding the
[illegible] Consol the [illegible]
[illegible] about the $\frac{1}{100}$ of an
inch at each movement
There is not known in the
[illegible]

I will now give the
[illegible] which I
[illegible] of the
movement of the [illegible]
& Receiving Machine,
In fig 6. is shown a
[illegible] which
seems to [illegible] the
[illegible] resembling [illegible]

Upon the drum,
m is a little wheel, rotating
in the [illegible] of a [illegible]
[illegible] in [illegible] over it
with the bell P, and
magnet P, which receives
magnetism and [illegible]
its [illegible] at intervals
upon the [illegible] end of the
[illegible] of the magnet P is
a pad Q which lies upon
a piano-forte string B,
which may be made to
[illegible] the [illegible] of
vibration by means of
[illegible] the [illegible]
[illegible] of the [illegible] E
in the upper L X D.
When the clockwork is
released the [illegible] B
is continually [illegible]
& [illegible] impulses from
the [illegible] of P. The
cord B is assumed to
[illegible] as have A.

[illegible] it [illegible] motion
[illegible] with the [illegible] which is
[illegible] clockwork, as the
Cordwell with a certain
tension [illegible] in the
[illegible] number of vibrations in
a minute it follows that
the two clockwork with
cords tuned to give the
same pitch will run exactly
alike.
The wheel M might be
[illegible] upon either S or K
[illegible] if a rapid vibration
of the bar of P is required
as in figure 7 is shown two
ways the movement of X
[illegible] the magnet lever either
the end B in motion
synchronously.
In figure 8 is shown
tuning fork K G kept
vibrating by an electro

without the [illegible] means [illegible]
closed by the clockwork
the contact spring m a
is drawn to the [illegible] element
from the tooling p. from
the belt B to A and
[illegible] relaxing the
escapement at any vibration
of the tuning fork which
has prongs of extreme length
to insure a slow vibration.
In fig. 9 is shown
the tuning fork
connected electrically
to the escapement of
a mechanism [illegible] that the
prongs of the tuning fork
might not be the smaller
of a magnet & being
provided with a contact
spring might open
& close the circuit
[illegible] [illegible] [illegible]

Machine mention that it is not necessary to vibrate the lever d Fig. 4. If the spring is made to pull the pen lever d to point 2 down upon the paper the pen spring will carry the point 2 to enter the holes + close the circuit =

The manner apt may be held upon the cylinder or platen of perforating it will numerous pen holes leading into an air chamber under the mass being held upon it the air exhausted holding it by suction. The might be dispensed with. Objects covered with a non drying varnish be good such as castor oil, glycerine the suction being surface it to grad + hold the paper down smoothly + firmly, at all points =

My claims will probably be

1st opening and closing an Electric circuit by the movement of a lever when such lever is moved by a diffusion friction between the article ~~[illegible]~~ such as described

2nd opening + closing the circuit of an autograph telegraph by means of perforated paper ~~[illegible]~~ Substantially as set forth,

3rd arrangement of a lever giving motion to a lever by magnetism or other power for closing an electric circuit by means of written forms of perforated work Substantially as described =

4 – The method of transmitting current and compensating for the same substantially

3

5th holding the mass to the cylinder or platen by an air chamber or vacuum substantially as described

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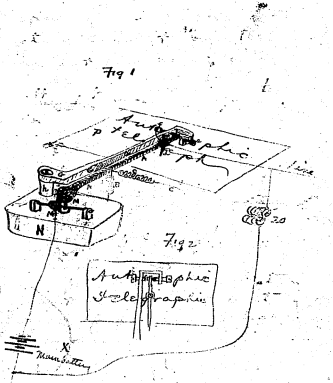
he method of obtaining
gnophonic by means of
ure, fonts or voltaic
Cords as shown in figures
6, 7, 8, & 9 for the
purpose set forth =

7th The method of producing
second manuscript for
telecommunication by oxidation
or reduction by hydrogen
of a blank surface of unmodified
and so chemically

Fig 1



Feb 10 1879

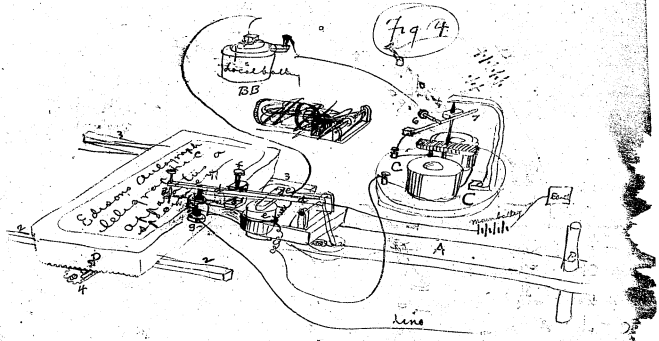


Fig 4
BB
C
C
A
Line

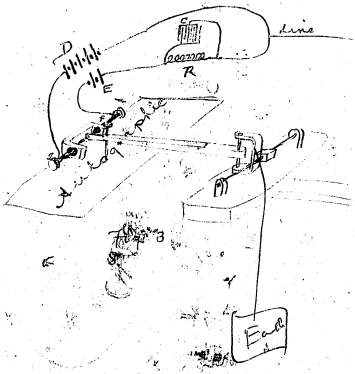
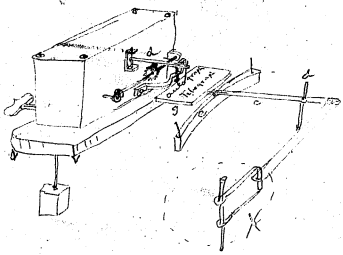

line
D
E
R
Fig 3
Earth

Fig 9



[110]

Fig 6

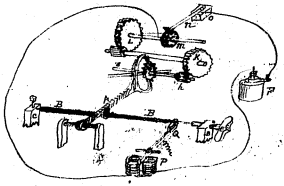


Fig 7

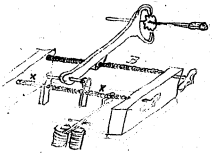


Fig 8

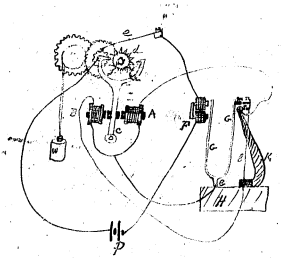
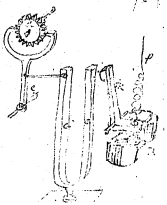


Fig 9



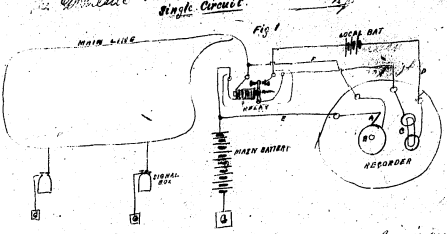
[112]

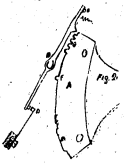
Oct 31 6

The Connecticut Tel. Co. Brinsmade & Stewart

Single Circuit.

Fig 1





In Fig 1 is shown a single circuit complete which consists of a signal box, main line, main battery, relay, local circuit + battery, + recorder. Our principle is to send a current through a relay which connects through its backpoint a local circuit to start + stop the paper moving mechanism, + to cast off enough current to mark on chemically prepared paper by decomposition.

Our signal box works by gravity. It consists of a weighted segment both teeth cut on the

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periphery to correspond to the number of the call & an extra long tooth to start the mechanism. The signals are sent so fast that an ordinary magnet would not record them & this long tooth is necessary to insure the relay closing & allowing the recorder to make a revolution. The signal box is also provided with a switch which connects the line only when the button is going up so that if a customer presses down, it matters not how long he keeps it down, as the signal will not be sent till he lets go of it. The main line should be a loop with both ends in the office & legs running off it to the boxes, these legs should be connected to the binding post on the box that has a hard rubber insulation under it.

The main battery should be a Leclanché as there is little or no action when the circuit is open. The local battery should be Gallund to Gravity battery as it is closed all the time.

C147

3

The relay connects the local circuit on its backpoint. So that when it is at rest the recorder is stopped by the lever of magnet C Fig 1

The recorder consists of a clockwork carrying a drum for moving the paper with a magnet C for stopping & starting it & a platina spr. A for decomposing. As will be seen in fig 1 the decomposing current is shunted off the main line by the wires C & F. Owing to the great resistance of the paper the greater part of the current goes through the relay & allows it to respond at rest whilst there is amply sufficient to make a good mark goes through the pen. Where two are 3 or 4 circuits running into one office they can all be run out of the same main battery

With 4 main circuits & 2 recorders I would fix them in the following manner

Thus:-

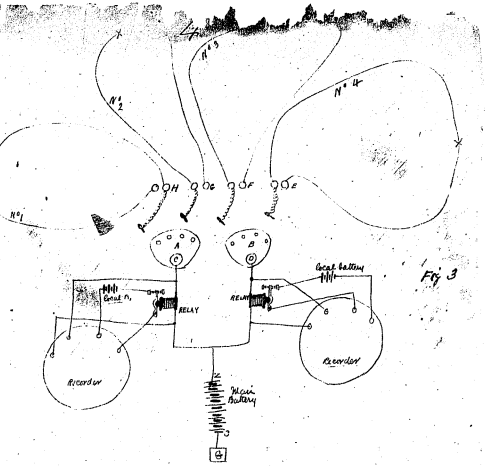

Fig 3

The circuits here terminate in the brass plates E, F, G, H, two to each circuit to one of which of each circuit a flexible cord with plug at the end is attached. A & B are the brass plates with brass pts C & D, & each have four plug holes in, by putting all the plugs into either A or B all the circuits can be

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run on either recorder. It is necessary to be able to do this, as, in case of accident to one recorder, or chewing up paper, there is no loss of calls, & it is easily understood by the boy attending the instruments.
The four circuits ought all to be brought down within reach in the street at the box X & a single switch put there or the wires twisted together so that they can be easily disconnected, then if any trouble occurs on a circuit it can be disconnected at X & the good half connected to the instrument at the buttons E F G or H. In this way only half a circuit can be down at a time.

Test the circuits once every hour.
Keep the paper in a crock.
Be sure to connect the leg of main wire to insulated bindpost on signal box if connected to the other one the line gets a partial ground through box & a great many such partial grounds might

6

cause trouble
when the line is grounded the recorder will keep on running. if this occurs the man keeps pulling out the plugs till he finds the one that stops it when pulled out, he then sends a boy to disconnect the main line at X & connect the good half at the recorder & sends a boy at the other half.
In testing every hour at central station if there can be got no signal from the end of wire & ground you may conclude that the line is broken in which case connect the flexible cord for that circuit to both jacks instead of one so that both sides are in & both for break
Caution people about laying any thing on top of box or hanging any thing on it that might cause it to give a mutilatio signal

Chas Batchelor.

Nov. 9th

Thos. Haggerty Esq. N.Y.

Gentlemen

Please do not draw on us on the 20th as we will not be able to pay you till on the 20th of present month

Respy. Yours
Thos. R. Cole
per. B.

Haggerty Bros
Front Street
New York

Nov. 8th

Dear Sir.

Only just rec'd yours in which you send sheet of tuning forks. We do not do any outside work now I am in with Edison experimenting altogether & the manufacturing is done upstairs by Murray & another man I have some few men on our own experiments. If I do tell you what I'll do I'll furnish the steel cut it out, & turn & cut thread on shanks for nothing if you will finish up for us at the same time. If you think this is fair I will go ahead & send you four over & you can send us two back finished & hardened & tone

Yours etc
Chas. Batchelor

L. Graham
84 Jay St
Brooklyn N.Y.

Nov 9. 5

B. T. Johnson

Enclosed find
$15.00 for com. on Sugar
& Lons. Garrigues machine
have ordered it be sent to H. A. Jackson
Gent ticket agent P. R. R.
Please get see him & ~~[illegible]~~ show
him a few things about it. Drake
sold the machine in Newark. It be
sent to Philadelphia & instead of
delivering in Newark we thought it
better to order Garrigues machine
here. Of course you get $4 commission
& Drake $6.

Butcheler.

Oct 10 /

R. C. Wilder, Esq.

Dear Sir

Chas. F. Parrigues, machine sent to Philadelphia not received, cause delay, I filled an Quic ticket agent Penn. RR Co ordered me here yesterday & I have telegraphed Express Company to deliver to him the ode sent to Parrigues. Sugar & Chow machine I have received the money for this morning which charge & credit please. Stillaths 9 Batteries & 10 Horseshoes I will endeavour to have over tomorrow forenoon

J. Patches

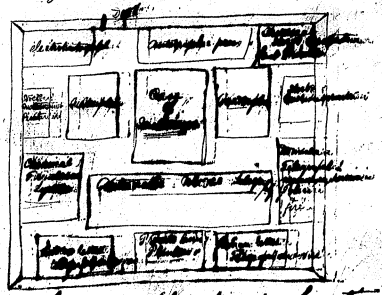
instrument properly [illegible]

[illegible]

Henry Alexander Bryce

Dear Sir,

As you cannot decide two
[illegible] than 22.X.20 we will be able
to use that if I can fix it on the
following manner.



Our time will be taxing in operations.
We could use more space if one can
allow it as the work [illegible]

these instruments properly & have
more & exhibit

Yours faithfully
H. A. Chevis
per Chas Batchelor

We expect to keep 8 or 9 men generally
these instruments continually
J.D.C.

The object of the invention is to transmit and receive several different messages over a single circuit at the same time without interference with each other.

The invention consists in transmitting waves of electricity ~~from~~ into a circuit by means of "cut outs" operated by spring pendulums the primary motion of which is received by a jar or vibration from an electric motor or other source of power

2

It further consists in devising for throwing the battery in & out of the circuit without interrupting the continuity.

It further consists in arranging an number of ~~vibr~~ opening pendulum ~~op~~ set in motion by a mechanical division operated by the finger or an electromagnet which pendulum ~~come~~ of different length and make a different number of vibrations in a given time and arranging a main battery with the contact device operated by the vibration

3

of each pendulum in
each a manner. let a
pendulum No 1 will
at each vibration throw
a man battery of say 50
cells in the circuit a given
number of times & one second
while pendulum No 2
will also throw a circuit
of 2 [illegible] man batteries
[illegible] a different number
of times per second always
It follows the continuity of the circuit
consists in
combining with the spring
pendulum another
spring pendulum of equal
length or of such
length & thickness that
it will make the same
number of vibrations in
a second this second
spring pendulum [illegible]

4

used for the purpose of
contacts, were the spring
pendulum used for contact
purposes longer or shorter
& made a question of less or more
of vibration in a second than
the primary pendulum it
would act as a damper
and prevent it from vibrating
all together or at least
to a great extent.

The invention further
consists in ~~combining~~
placing at the recording
in conjunction with well
known apparatus
placed in resonant or
sounding boxes, or boxes
which will easily vibrate
or communicate jars
a number of spring
pendulums of different
vibrating times each of

4 . 5

has a pendulum at the
transmitting station making
an equal number of vibrations
These pendulums unlike
the vibrating string used
by Elisha Gray of Chicago
have no connection with the
receiving magnet of a telephone
they are placed upon a
resounding Board with
the Electro magnets.
They are set in motion by
jars or vibrations given and
found by the line of the
magnet and not by the
magnetic power of the
magnet acting upon
opening an another
Gray = By using the
vibrations transmitted
through the resonant

box, and by measuring
the continuity of the
Cement and in measuring
the vibrations by various
bullets, James g was
enabled to have
a great number of
measurements taken
Cement at once the
so far as the results
depend upon Grey who
uses a single bullet
James and Bramber
the continuity of the
cement) =

The measures
cement on Cambridge
Rochester contributes
in each one of the
vibrations of a pendulum

7.

a X the [illegible] obtuse
s of the Coral [illegible]
u closed on both sides
of the movement of the
pendulum from a [illegible] of
[illegible]
It for the two [illegible],
In this manner of
connecting the channel
[illegible] [illegible]
at each [illegible],
whereby the [illegible] at
such platen may have
the same polarity as of
the [illegible] platen & be
thrown in & out without
[illegible] by the [illegible]
also in placing each
[illegible] of instrument in a
[illegible] current from the

8

Main line by the use
of resolution & the
and resuming the coil
forming the derivation
with a Condenser the
object of which is to
produce a sharper wave
the waves of current
which on long lines would
be apt to run together
& produce a confused
closing of the circuit
without any break.

In figure 1 and 2 are
shown the harmonic
instruments both are
alike except that
the spring pendulum
in fig 1 is larger &
makes a slower vibration
than the pendulum
in fig 2

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the pendulum is similar to
(C.) one of the Shock
Pendulum magnet which is
suspended by a coral hanger
L 3 & Key K =
This lever K abuts upon the
pillar 4 and has an upper
lengthening arm 6. also
a retractile spring 8,
5 is a pillar to which is
secured the coral
vibrator Cable at spring
7 which rests
against the contact hand
Observe if when in a state
of rest glass g stands
battery in circuit
If now the key K be
closed the magnet A
will attract the armature
lever K and strike
upon the pillar 4 will
set the pendulum 2
vibrating the striking 7

9.10

Will also set that vibrating
discussion of furniture
further at [illegible] with the
[illegible] the continuity of
the circuit through [illegible]
which are in contact when
[illegible] separate [illegible]
these waves going over
the wire quite a vibratory
movement to the lever of
B Fig. 3 which has little
or no play and the lever
[illegible] against the
resonant bridge 12
Acts the pendulum 13
Vibrating armature
[illegible] make the
[illegible] number of
vibrations [illegible]
[illegible]
[illegible] vibrating

C.C. are two cord and vibrating tin lines [illegible] ~~[illegible]~~ connected to the [illegible] 15 & lead bob [illegible] and is so connected to the pendulum B that it forms a mechanism which [illegible] a [illegible]

The apparatus shown in fig. 4 is [illegible] as in fig 3 except the pendulum vibrates a greater number of times per second & is adjusted to 21 of fig. 2.

In figure 5 is shown a larger view of the recording mechanism

In fig 6 is shown the method of connecting the recording & [illegible]

1 [illegible] at end of [illegible]
[illegible]

All stations A are two
[illegible] 1 is for [illegible]
[illegible] to [illegible] the [illegible]
[illegible] current with the [illegible]
to [illegible] [illegible]
already [illegible]

2 is the receiving instrument
which [illegible] the [illegible]
the vibration from an [illegible]
station. The magnet of
2 is placed in a derived
current from the line.
a Resistance is made
to form part of the main
circuit. R is a second
resistance for forming part
of the derived circuit
in which the magnet of
2 is placed.

13

[illegible] condenser for the purposes already mentioned.

Fig B shows the whole [illegible] may solution 3 & 4 [illegible] necessary & the assembly [illegible] connected precisely as at solution A.

Any number of solutions may be thus connected in the line, and several washers like 3 & 4 may be placed at each solution. If it is desired to work a second current from any part of the line, the sounder of 3 may be combined with elements like that on 4 and a second

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were being transmitted to if
the ~~1st~~ message may be
transmitted upon establishing
~~the~~ or the sounder of
3 may have an ordinary
repeating points and
~~repeat~~ open & close the
circuit in the ordinary manner
or the mosquito of 3
may form part of the
a common or local or
repeater, or ~~repeater~~.
The sounder of 3 may
be a duplex or quadruplex
~~transmitting sounder of~~
that of 4 the receiving
sounder of a duplex or
quadruplex.
In figure 7 is shown
devices by which the
pulsations from 1 & 2 may
be transmitted over the

1/15

line wire without effecting
the receiving circuit 3 &
4.

Nos. 1 & 2 are two diagrams
which will represent
predetermined [illegible] of different
set of [illegible] positions of
each of which [illegible]
[illegible] of current through the main
[illegible] MB1 MB2

S is a switch for cutting
out 1 & 2 and connecting
the main wire with the
earth through a resistance
coil R1 for the purpose
of [illegible] or balancing
the circuit.

R2 & R3 are the 2 sides
of a [illegible] bridge.
25 is the bridge wire

16

in which is placed the
two receiving instruments
3.4.25 R.C. is a condenser
forming part of the bridge
circuit and shunted with
Condenser to cause the
vibration to be more clear
R4 is a resistance equal
to the resistance of the
line & the earth apparatus
R5 is a resistance
connected across the Telephone
C. for the purpose of
balancing the capacity
Charge of the line the
resistance being increased
to lengthen or shorten
the cable you find C.
When R.4. Condenser C
R2 & R3 are properly
Balanced the

17

Cut from MB! MB3 –
[illegible] pass over the line
& mend the [illegible]
[illegible] without
passing through 3 & 4.
If Cos is the number
of [illegible] crossing
[illegible] can be
increased with the
number of sets of
[illegible] which can be
practically [illegible]
[illegible]

The Cross attacks of the
[illegible] and the
[illegible] as here shown
If it is desired to
[illegible] into a
[illegible] of the
[illegible]

14

The combination of the
[illegible] of [illegible]
[illegible] of vibration
[illegible] of vibration
[illegible] of vibration
[illegible] as in
1st Case

I do not wish to
confine myself to any
particular form of
vibrating periodicity
as a tuning fork or
~~string~~ ~~secured at both~~
~~ends~~ at wind instrument
may be used.
What I shall produce
Claim is

1st
The combination of a
number of vibrating periodicity
each ~~giving~~ making a
greater or lesser number

19

a vibration in a quicksilver
that the alters
with great density
and separate Caltrop
so that each shall by
its vibration place in
which stands from exact
its sum & thus result and
breaking the equilibrium
of the same.

2nd Communicate a
vibratory motion to a
vibratory spring on Sulphur
by mechanically by
the movement of the
lever of Electromagnets
or alternate.
Both in the horizontally
circumscribing instruments

20

3 The combination in the like spring pendulum of a mechanically vibrating tuning fork or other spring for the purpose set forth in

~~4th. The a vibrating Telegraph Communicator, substantially as the vibrating spring~~

4th The spring & c for the purpose set forth in the combination of claim 1 with a vibrating spring pendulum, tuning fork or other mechanically vibrating mechanism upon a receiving body or device and communicating a motion to the latter by means of vibrating. Each having

21

no Electrical communication
with one another =

6th

The method shown for
producing sharpness of
the vibrations by passing
the receiving instrument
with a differential current
through a
[illegible] with a
Condenser =

7th The method described
for separating into side
lines at way stations

8th The method shown
for manually detaching
upon the line from station
A without [illegible]
through the [illegible]

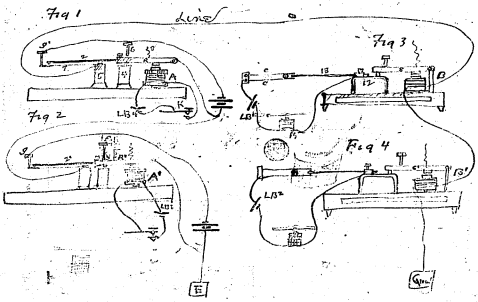


Fig 1
Fig 2
Fig 3
Fig 4

Fig 5

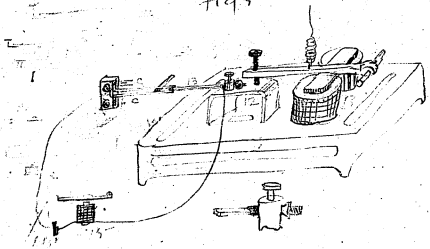


Fig. 6.

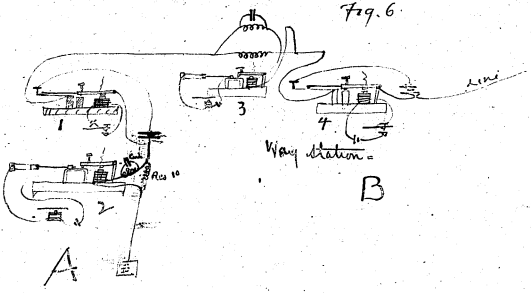
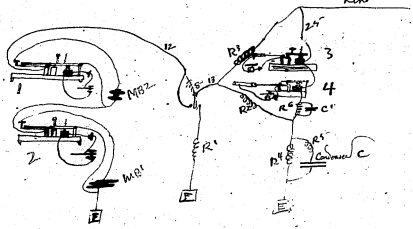


Fig. 4



The object of this invention is to [illegible] in the production of one direction upon one wire of the same line.

The invention consists in keeping upon the line wire a permanent battery and transmitting one message by the addition of another battery which message ~~is recorded~~ acts as an ordinary relay in making which in its turn acts a Daniell in motion.

The other message is also recorded upon an ordinary relay by ~~an~~ extremely small electrical disturbances of the battery power or break in the continuity of the current

which breaks or momentary
cessation of all battery power
is insufficient to effect the
relay which works upon
mere and ~~slow~~ and decreasing
strength of current to
occupying appreciable
length of time, it being
arranged with a back
point or contact and a
repeating sounder in
[illegible]
receiving sounder or
a receiving sounder
whose coils are shunted
to render it sluggish to
~~and~~ almost instantaneous
changes like that of the
total cessation of the
battery power or ~~[illegible]~~ normal

3

break in the continuity of the
Canon = 'the relay which
becomes the total break
is not perceivable with any
of the instruments, however
shows such break of the
Canon &c
The marvellous finishes
accompanying the relay
~~[illegible]~~ was a
desired event from the
[illegible] of the demonstration
is shielded with an
powerful condenser which
the momentary break in
the current for one made more
sharp & definite & such
[illegible]
response from the ordinary
[illegible]

4

The sounder connected to
the relay working by ~~an~~
that cessation of current
is provided with an
ordinary sounder but for
its back point (16) of the
sounder is provided
with a piece of cloth
or other material to
deaden the sound.
The front stop and back
stop are necessary ~~for~~ to
enable the receiving
operator to distinguish
dots from dashes is
made on the front point
only and not as in ordinary
[illegible] upon the front
[illegible] point.)

5.

The invention further consists in the employment of an electromagnet with lines of force between two contact points which are passing from one point to the other effects a momentary interruption in the circuit. This electromagnet being operated by a local battery local to the circuit.

The invention further consists in the combination of a sounder, battery, ~~and~~ with the receiving sounder after being operated by an electrical current to the end that the after change in conjunction with the time which it takes for the relay to reach the battery

6

Contact point will be
sufficient to prevent the
total cessation of the
current from affecting the
receiver of Sounder =

In figure 1 is shown
the connection for and
end station or any
station.

MB² is a battery of say
50 cells always on the line
except when the total break
in the Telegraph occurs

MB¹ and on other wire
battery of say 50 cells which
can be thrown in at 6
the main current by the
prong 2 point 3 & lever 4
opened by the wire pref M2
Key K² LB² & local circuit

7

R' is the relay which is operated
over the current from MS 2.
but responds to the additional
strength of Mb' when added
to Mb 2. which is known
the contact 13 breaks the local
circuit of L13' sounding bell
S + magnet 10. which opens
and in its turn closes the
sounding sounder MS.
It is obvious that every time
the battery Mb' is connected,
it acting in conjunction
with Mb 2 closes the sounding
sounder MS and, upon
disconnecting it opens the
same allowing the chronometer
on one message.
The line is off when just
M' playing between the
two points 7 + 8.

8

allows the line to be
broken during the time which
it takes the lever to pass
from one point to the other.
The Relay R2 is adjusted
so that it is always charged
at all times by the [illegible]
MB 2 [illegible]
or nothing but [illegible] on
[illegible] break in the current
occasion of T.W.S. The lever
flies back immediately
closes for an extremely
short period of time the
opening & closing the second
time produces one stroke
and the passage of 5
between T.W.S. & Gum when
the armature of the relay R2 [illegible]
makes another slight open
& closing which making

upon the screw down M 7.
allowing it then to make such
sounds which to the ear of
the operator is the same
as if the line came in
contact with the back part
and connected that to make
the Tock-a-tron.

R^1 is a resistance of a
3000 ohm shunted with
a Condenser which
through the Tock-a-tron formed
by R^1 & R^2 tends to sharpen
the total break of the circuit
sending the original bath
on R^2 & R^1 much clearer
than it could be the same
without it.
The Condenser might be
dispensed with and
R^2 replaced with a

[illegible] the same purpose

In fig 2 we have the connection for Harrison's Quadruplex, which will not require explanation the principle being now well known

~~My claims will probably~~

I will mention that instead of breaking the current [illegible] reversed current could be used and the relay R2 employed with equal advantage but the relay R1 will not work so well

My claims will probably be

1st The Transmission of
increased and decreased
current to cause a telegraph
instrument to vibrate a corresponding
current corresponding to
transmit one message
and the total block in
the continuity of the current
or cessation of all current
to transmit an other message
at the same time

2nd The method shown
of causing the slight breaks
in the continuity of the
current to be shortened
or otherwise by the employment
of a condenser Electromagnet
or equivalent device
and pendulum ball

12

[illegible]

3 The Sounder or Shakomapt
was accepted for breaking
the enemy for the purpose
set forth;

4 The secondary boiler
5 for the purpose set
forth

5 an approved the design
shown in a Resolution
entitled "Resolution
Shewing for Anadrophe
[illegible]

Thos A. [illegible]

[illegible]

Figure 1.

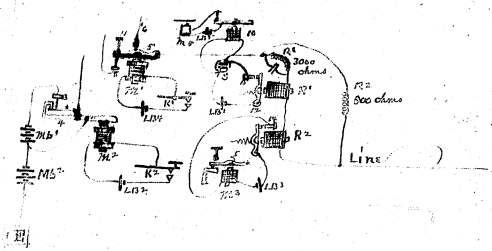
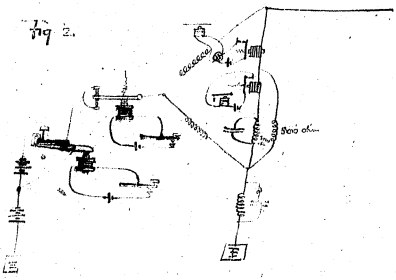


Fig 2.



Dec 8

Robert Sewood Esq.

Dear Sir,

It would be impossible for us to show the 'Etheric Force' to advantage with our present apparatus. We are making some to show it before the Polytechnic Institute & we shall be able to show it at your next meeting.

Respectfully Yours
Thos A Edison.

per. B.

P.S. Thanks for interest displayed
Lee.

Dec 8 5

W. C. Smith Esq.
Chairman Polytechnic Inst.
Dear Sir

Many thanks for the interest displayed in 'Ethric force'. Our apparatus is not the kind to show it to advantage at present, & we are making some more suitable. We shall be happy to show it at your next meeting if convenient to you.

Respectfully yours
Th. A. Edison
Dec 13.

Dec 8 5

Chas E Buell Esq.

Dear Sir.

Yours received asking if a fair sized spark can be produced. Yes, but it has no relation to electricity & follows none of its laws.

A dense spark of bluish color is produced. We have photographed it

Resp Yours

Thos A Edison

per P.

Chas E Buell Esq.

Co Office

N Y, N H & H R.R.

New Haven

Conn.

Dec 8 5

Osgood S Wiley Esq.
Dear Sir
Mr Edison desires you to call in & see him some time in relation to your letter of Dec 6th 1895

Respectfully yours
Chas Batchelor.

Osgood S Wiley
Orange. N.J.

Menlo Park. N.J.

Sept 9 1877

Franklin H. Badger Esq
Montreal. Can.

Dear Sir,

We had a final test today of the merits of the Bacon and the Bell telephones at which Mr Orton was present. He expressed himself decidedly in favor of mine and said there was no comparison between the two. He had no idea that he could get it so loud and good, as on the line we tested. Bell's was very indistinct & troubled greatly from extraneous noise. He gave an order immediately after for (150) one hundred and fifty sets to be made immediately. I expect to have (6) six full sets by Saturday, when I shall send you (2) two stations, and perhaps shall be able to send you call bells also.

There are a few little points about the

which I forgot to tell you of when here. It is however better perhaps for you to find them out for yourself. I am writing a small book of instructions for them in which every fault likely to occur will be fully shewn and the remedy pointed out. Hoping to hear from you soon as to their working

Respectfully Yours
Thos. A. Edison
per Batchelor

P.S. As the silks in your machines were made in a hurry they may not articulate so well, and as we have now a little machine for making them you may find the ones I send on Saturday better

T.A.E.

Geo W Ketchum, Esq Menlo Park N.J. Sept 17/77

Dear Sir.

The Western Union Telegraph Company control my speaking telephone. I have referred your letter to Wm Orton, They will have a large supply of them in about two weeks, Would you be so kind as to give me the address of parties of whom I can obtain mica, I have been buying of some firm in your street who apparently have the monopoly of it ~~mica~~ and who would give me no information, or allow me to look at the mica.

Yours Truly

Thos A. Edison

Wm Orton Esqr

Menlo Park N.J. Sept 17/77

Dear Sir.

In looking over my old caveats tonight I have found in an Acoustic caveat, practically the same thing as Dolbear + Bell have, (to) a tube, a plate, a permanent magnet, and no battery used, this is on record in the patent office and goes back of both, therefore if Dolbear sont catch him, I can, Pope & Munn have copy of caveat,

Yours

T.A. Edison

Menlo Park N.J.

Friend David.

I think these telephones must have got changed around as they worked beautifully in N York all day and a similar pair taken by my mechanical man are working in Montreal O.K. one pair on Dutton's Fourteenth line in Mass 2½ miles has been working perfectly 131 days to date and they have noted it on their ships, which Mr. Orton say. You must bear with me a little while until I can finish my machine for making those silk properly. I had to make yours with a pair of players and a piece of hard rubber, the proper way to adjust them if they are way out is to adjust one rather close and the other far away bringing it gradually closer until you hear the other man say all right, you can then turn around & adjust yours away & come closer until he says all right = but I think adjusting will not be necessary when my silk resistance machine is ok.

Yours

T A Edison

Menlo Park N.J. Sept 27/77

Friend Mackinzie.

I will show your card to Mr Orton and put in a good word. I know he intends to appoint agents for the introduction of my speaker, and I think he is going to sell them outright instead of renting - what are Bells terms to agents, Jimmy was only 2½ feet high when I used to plague him You want to sing in on this Telephone biz, it has a great future, Keep writing letters, Write Wm Orton direct, also write Stager at Chicago,

Your old friend
Thos A. Edison

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Menlo Park N.J. Sept. 21 1877

F. H. Badger,

The Contracts were sent = you must bear with the Telephones for a few days until we can make a machine to properly make the silk flips. then I don't think you will need any adjustment = I've got a better plan even now to make them and have them in a pair in N.Y. on one mile line 12 cells; every one pronounces, the talking to be "painfully" loud & they don't need receiver to ear, I will try and send you. 2 stations tuesday and 4 stations saturday following from there you will soon be able to report defects in practical use etc and then perhaps an alteration or two when I guess we are on the right track for big.

Mr Murray is making a set of tools so he will be able to make 100 per week,

Yours

T. A. Edison

Geo W Ketchum Esq

Menlo Park N.J. Sept. 21/77

Dear Sir,

As soon as I can get a spare set of "Speakers" I will bring them to your place and put them on your line if you have one but if not I can take you into W U Telegraph office and show you the workings. that will be next week. I am coming over to see your Mica, Please answer if you have a line,

Yours
T. A. Edison

[illegible]

[illegible]

Dear Sir

We [illegible] you [illegible]

the [illegible]

I [illegible] now [illegible]ding [illegible]

to go to [illegible] New [illegible] [illegible]

[illegible] Saturday next. [illegible] if [illegible]

[illegible] thing more at the [illegible]

[illegible] had [illegible]

[illegible] prices [illegible] be [illegible]

you [illegible]

[illegible] for [illegible] of [illegible]

Res[illegible]

Santa Paula Cal. Feb 4 1897

Franklin H. Badger Esq.
Alameda. Cal.

Dear Sir.

Your of Sept 27th received
[illegible] my thanks for the Guna paint. We found
[illegible] for diaphragms as it was hard after the
[illegible] of heat & dust as harmonics, the suitable
[illegible] lightly variable by heat. The
[illegible] expansion and contraction has hitherto as
[illegible] we have allowed entirely our way
[illegible] the silk flap. The next we
[illegible] the metals, the frame.
Guna [illegible] Remark [illegible] for an [illegible]
as [illegible] 100 [illegible] I hope to
[illegible] days
[illegible]

Menlo Park N.J. Oct 2 1874

Henry Stewart

To Thos A Edison Dr.

To 4 Parker Swivel Vises at $3	$12.00
To 1 Gould Shaping Machine	150.00
	$162.00

Rec'd payment

Menlo Park N.J. Oct 4/77.

Geo Place Mach. Agency
New York

Gentlemen,

We sent you yesterday by P.R.R. freight

(2) two large P & W Screw Machines & Counter
(1) one small " " " " " "
(2) two Washburn lathes " " "

We also send you this day:—

(1) one large P & W Screw machine
(2) two Fitchburg lathes & counters
(2) two Washburn lathes " "

Also (1) one counter shaft for Grinder coming tomorrow.

Please acknowledge receipt of same.

Oblige

Yours respectfully
Thos A Edison
per B

Menlo Park N.J.
Oct 14 1897

Geo Place Mach. Agency
New York

Gentlemen,

We send you to day in addition to ones mentioned in our letter this morning the following machinery:—

One (1) Washburne lathe & Counter
One (1) Fitchburgh " " "
One (1) Small Grinder & Counter
One (1) Large Grinder for which the counter went this morning.

Respectfully Yours
Thos A Edison
per [illegible]

Menlo Park N J
Oct 5 1877.

Geo Place Mach. Agency
New York.

Gentlemen,

We send you to day per P. R. R. freight (1990) nineteen hundred and ninety pounds of shafting & pulleys.

(1) one Union Vise Co. miller with vice centres & countershaft

(2) two Fitchburg lathes & countershafts

(1) one large nickeling machine & counter

~~(1) one Screw cutter & counter~~

Please acknowledge receipt of same on delivery and oblige

Respectfully Yours
Thos A Edison
Per B.

Menlo Park N.J. Oct 8th 1877

Thos Fraser Esq
15 Victoria St Leamington, Eng.

Dear Sir,

Having been away from home your letter did not reach me, & it was too late to send you a description of our Telephone for your lecture; if ever you should lecture again this winter I should be happy to do so.

Respectfully yours
Thos A Edison
per GB.

Menlo Park N.J. Oct 8th 1877

Lorenzo Sims Esq.
Rome, Tenn.

Dear Sir

Your letter of Sept 26th duly received. I have already patented the device you therein show in Great Britain; a full description of it is given in the printed specification. I have also had an application for the same device in the United States patent office for several months.

Respectfully yours
Thos A Edison
per B.

Glens Falls N.Y.
Oct 5th 1877.

Geo. D. Van Wick Agency
Albany N.Y.

Gentlemen,

I send you per P.R.R. freight to day to be sold for me (850) Six hundred and fifty [illegible] of pulleys. Please notify on receipt of same & oblige

Yours Truly
Thos A Adams
per B.

Menlo Park N.J.
Oct 12 1877

The Gr Place Mach. Agency
New York

Gentlemen,

We send you this day
per R.R.R. freight
One (1) 4 spindle drill press ~~(in countershaft~~
One (1) Stophammer (1st Sheet)
One (1) Face milling machine ~~+ Countershaft~~
One (1) Blaisdell Eng. lathe ~~+ Countershaft~~
One (1) Gould Eng. lathe ~~+ Countershaft~~
Two (2) Small punch presses with extra die holders.
One (1) Polishing machine with iron cylinder covered with leather.
One (1) Bench milling machine (in crate)
When you receive these please notify us of such receipt & oblige

Yours respectfully
Th A Edison
per P.

Menlo Park N.J. Oct 13, 1877.

Benj F Butler Esq

Dear Sir,

You probably remember our conversation about printing the human voice at Washington. I have not done that but I have succeeded in recording the voice at 150 words per minute on a paper strip, which I can reproduce the same voice at any future time, so you can listen and recognize the voice of the original speaker, as well as not perfect in articulation.

If you want the thanks of every scientific man in the country many of which outside of Colleges are very poor please do something towards having the outrageous duty of 40 p.c. on instruments for scientific research taken off or reduced, no protection is needed because no one here pretends to make or would even attempt to make such instruments. These instruments are the means of reaching great results of benefit to the country for all time and the men who use them are poor, and ask no reward.

Yours Truly
T. A. Edison

Alents Part U. S.
Oct 18th 1877

Geo Place Mach. Agency
Chambers St. New York

Gentlemen,

We sent you on the 18th
by P. R. R. freight
One (1) lathe & Morse Cog Gatte & Countershaft
One (1) Milling machine & Counter. (Single head)
One (1) Cumming Grindstone & Stand
One (1) small Shutterant Mover.
One (1) Drop hammer (1½) ft Shoe.
One (1) Pond Index mach. & Countershaft
without Vice & Centre.
Twenty seven hundred (2700) pounds of Pulleys
hangers etc.
Please acknowledge receipt of same
and oblige

Yours respectfully
Thos A Edison
per B.

Mine Park N.J. Oct 16th 1877

John Robert Buckin Esq
Sunderland Eng.

Dear Sir,

Your letter of Sept 27th in which you enclose copy of letter to Western Electric Mfg Co of Chicago duly received.

Since last December (the 15th) they have been supplying me with Mess. Elliott Cutler & Co. they sent me a draft on Eng for £109 . 3 . 1 for my signature. Supposed they had delivered you that amount of goods.

Previous to Dec 15th last year my account with you stood as follows.

Cr. 1876	July	15	By Sundries.	£	2 .	9 .	6
		20	" "		12 .	9 .	6
	Aug	4	" "		49 .	10 .	0
	"	14	" "		49 .	10 .	0
	"	19	" "		49 .	10 .	0
	Sept	30	" "		49 .	10 .	0
	"	6	" "		49 .	10 .	0
	"	11	" "		49 .	10 .	0
	Dec	6	" "		6	10 .	0
1877	May	10	Sundries on £82 . 10 as per Instructions			17 .	6
				£	65 .	6 .	0

2

1876			
Oct	20	Cash	£90 . 17 . 0
Dec	15	Cash	124 . 17 . 0
"	15	Cash	49 . 10 . 0
"	15	Cash	49 . 10 . 0
"	15	Cash	99 . 0 . 0
1877			83 . 7 . 6
			357 . 1 . 6

(Acceptances of Crown Delays earlier)

Cr. £265 . 4 . 6
20. 85 . 1 . 6
Cr. £8 . 3 . 0

leaving balance in my favour of £8 . 3 . 0 which I drew in your at thirty days on the 23rd June. In a subsequent letter dated July 12. you stated that this draft would be accepted as soon as you could get the approval of Mr Ireland since which time I have had no further advice on the matter. I am at a loss to understand why the N. E. Ry Co should request me to draw for £203 . 3 . 1 when according to your statement they have only delivered goods to the amount of £242 . 11 . 1, the balance £0 . 13 . 0 being now delivered by my order to Dec 15th 1876.

I am in communication with the N. E. Ry.

Company in regard to the matter and will write you as soon as I have [illegible] full details

Respectfully yours

Thos A Edison

per Batchelor

Menlo Park N.J. Oct 9th 1897.

Western Electric Mfg Co

Chicago Ills.

Gentlemen

I have before me a copy of a letter sent by John Robert Buckton to you dated Sept 27 in reference to my draft on him for £30 3m 3.1. This, if you remember, you requested me to sign in your letter of Sept 3.

In this copy so included a statement which is headed by a Cr. balance of £61.13. This balance was due to me previous to Dec 15th 1896 and for which I drew and received and acceptance for £52.10 and interest £9. He now holds a draft of mine which he has not accepted for the balance £8.3—

How is it that you have me drawn £613.3.1 when according to his statement before me you only delivered goods to the amount of £242.10.0?

Please explain and oblige

Yours respectfully

T. A. Edison

Dec 13.

Berry Brothers

Menlo Park N.J. Oct 24/77

Gents,

I send three notes for one hundred dollars each, and check for balance after deducting money advanced for freight, to your plumber and the discount agreed upon in contract the notes may be collected through the Express Company, or at the office of the Electric Pen 20 New Church St New York if you will notify me that you will present them there before they become due,

Three notes	$ 300. 00
Advance to plumber	35 00
Freight	20. 30
Discount	50 00
Check	19. 70
	$ 425 00

Yours

Thos. A. Edison

Menlo Park Oct 26
1877

Geo Place Machinery Agency
New York

Gentlemen
On Oct. 19th we sent you by P. R. R. freight:-
(3) three boxes full of screw machine tools etc., (1) one cast iron weight belonging to an engine lathe and (1) one lot of Oil sieve pans belonging to screw machines
Please notify us of receipt of same
Respectfully yours
Thos A Edison
per B

If you do not find the requisite small tools in this lot our Mr Batchelor will call in and see you
T. A. E.
per B.

Menlo Park N.J.
~~Oct~~ Nov. 9th 1877

Henry Stewart Esq
8th Avenue New York.

Dear Sir

Please send check
for balance of account ($15.00)
and oblige

Yours respectfully
Thos A Edison
per B.

Menlo Park N.J.
Nov. 9th 1877.

Geo Place Mach. Agency
Chambers Street
New York.

Gentlemen.

Please send receipt for balance of machinery as soon as possible and oblige,

Yours respectfully.
Thos. A. Edison.
per CB.

316

Nov. 12. 1877 Menlo Park. N.J.

L. Osborne. Esq Dr.

To Thos. A. Edison.

To Balance due on Rolls. accounts. $15.95

Rec. Payment

Gen. Pass

Mean rented

Rec. to apply

Telegram Nov 16 1877.

Geo Place

Chambers Street

New York.

If for cash, yes, not without.

There is difference of 5 instead of 25 as you say

Thos A Edison

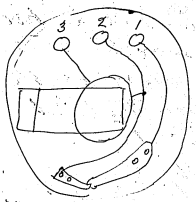
Exact copy
This is as near as we could recollect
B.

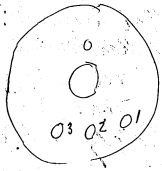
Menlo Park Jan 5 1878

Friend Bergmann

Connect all the receivers up as in sketch and mark 1 2 3 on the rubber not on screws as you suggested.

The outside of them all will be as in sketch.





S A Pelham
per B.

Menlo Park N.J.
Jan 11th 1878

Franz Bergmann

In the receiver you have made; the permanent magnet stands too high above the rubber.

In the others please make it just level and dont let it stand above at all.

In the (5D) fifty you are making make the bindings with a 10/32 screw on bottom so as better for the rubber and you can screw them up tighter and they are not so likely to come loose

Also make the cores ~~size~~

as:- 7/16 diameter of head
5/16 diameter of body

Also the little bracket that the platina point strikes with (2) two screws to hold it instead of one thus.

Always slot the cores below the centre your's is not so secure and connect them as I told you in former letter

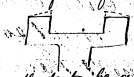
Chas Batchelor
for T. A. Edison

Menlo Park N.J.
Jan 19th 1878

Friend Bergmann

We tested some of your receivers and they had no strength at all now the faults are these:—

1 surface of cup is not straight it is more like dotted line in this sketch they must be absolutely flat to be any good



2 Cap is not straight where it binds the diaphragm it is more like this dotted line this must also be absolutely flat

3 Diaphragms do not all bind tight

4 Core must be made small like sketch sent

5 Bradley spools must be used

6 You spools some of them touch the diaphragm.

7 the Cores must stand perfectly

2

straight and must be flat on the shoulder that goes next to the permanent magnet some of yours are hollow and some are round

8 Rim fork must have 1/32 thread in rubber

9 Spools must be 60 to 70 ohms

10 Your threads are slack so that when screwed down you can push the cap about 1/32 of an inch across

11 The cut out button must only stand out 1/16 of an inch

12 Diaphragm must stand 1/16 of an inch away from core

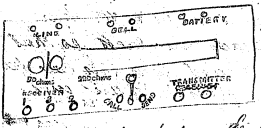
13 Tin type plates must be straight

14 The connections I gave you for receiver were wrong connect all like this and mark 1. 2. 3.

15 You must insert plate the tin fork on receiver

3

The coils on the polarized relays must be Bradley's cut (25) twenty five ohms each these are only (10) each. mark the coil this way in every case



this must be stamped on the wood on every case without fail on top of the [illegible] should be stamped Dawson's Speaker "Telegraph" No 180.
All these improvements you must make on the lines you have on your place as we shall have trouble if you do not
If you were to get stamps cut it would pay you as we doubt you will make all coils
the gong on bell ought to be nickel plated for the price
Batchelor for Allison

Menlo Pa N.J.
Jan 19th 1879

J. T. Murray Esq
Dear Sir

Please have
you put a
screw on the
shaft of those
telephone. It
A same size head as B and
hold the adjustment by
friction on the adjusting screw
there must be a little piece of
leather between this part of screw
and the side of the other screw.
Murray you ought to nickel plate
the [illegible] brass the two colors look
the [illegible] well put a nice finish
on the job.

Yours
[illegible]

Menlo Park N.J.
Jan 19 1895

H Thun
~~Nassau Street~~
New York

Enclosed find disc of rubber which is exact size of compensation. Also 2 piece tubing one is exactly the length the other is all we have left. You must try and get it exactly like it or it will not do. You could send a couple of dozen to 25 new such sheet we could get them and try them before you deliver them all

Yours
Chas Batchelor
for Edison

Postal Telegraph Cable Co.

Jan 20 1878

S. Bergmann & Co. New York

Do not do anything at the new receivers yet. I have had a great deal of trouble with these ones and you must not cut up any stock for new ones before we get these others all right. I forgot to say in my letter Saturday that the polarized relays are very poor. You cannot adjust them where you want them and the two ends of the cores have burrs on them and do not come flat to permanent magnet or the moveable heads. The wires inside spool are put in very carelessly some being bent up double they ought to be straight and fastened with a punch and pushed into spool tight.

Yours Batchelor
for Edison

Postal Card Menlo Park N.J. Jan 21st 1879

You have made these receivers considerably shorter than model
why did you do so?

Batchelor

To S. Benjamin & Co
120 Broadway
N.Y.

[illegible] for Edison

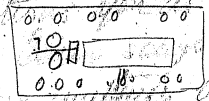
[illegible] of those of platinum.
[illegible] Pressure [illegible] to a gram
[illegible] of trouble
[illegible] after the lot is tried
[illegible] should have found all the points
[illegible] you will have no more trouble
Put the back of relay close up to
Card

Batchelor
for Edison

Menlo Park N.J.
Jan 22 1878

Friend Bergmann

We find we cannot work the polarized relay in that position I have changed the one to this



so this on the rest of those if possible because it is a great deal of trouble now but you know after the lot is out we shall have found all the points & you will have no more trouble.

Put the back of relay close up to core

Batchelor
for Edison

Menlo Park N J
Jan 23 1878

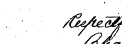
S Bergmann & Co
Your letter received
Keep account of all the altera-
tions you do on these bells
as Edison says you shall not
lose anything on these
Send me to this office twelve
more coils & bells as I want
to alter them as I have
these as soon as possible
Batchelor
Jr T A E

Menlo Park N.J.
Jan 26th 1878

J Bergmann and Co.

I send you sketch of arrangement of switch I want on coils you see that it is a T shaped spring and goes under the lever and screws to the base, it has a notch in the middle and the lever has a pin underneath it is dropped in when lever is in the middle The T part must be made long enough so that the pin can never get off it. It works very easy and does the business exactly No 1 shows the switch with spring underneath and Fig 2 shows front view without the handle on

2



Respectfully Yours
Chas Batchelor
for T. A. Edison

Mines Park N.
Jan 25th 1897

Mr R. Mott Esq
Buffalo N.Y.

Dear Sir,

Please send by mail

One piece Platinum
6in long 2½in wide and about
six inch by ten + one quarter for the weight

One piece Platinum foil
6in long 2½ wide and about
six inch long two and half inches
about the thousandth thick

Please send me bill of the same
will send you check
mail the quotes

Yours respectfully
[illegible]

Elmira, Penn. U.S.
Aug. 25th 1848.

Mr. Stevens
No. Cortlandt Street
New York

Gentlemen,

You may bill to Colonel Thos. Kane Benjamin gets 25 cents for calls, 25 cents for calls, 25 cents for calls (20 ohms). 25 cents for the small pools made for ... calls & ... as soon as you have

Yours respectfully,
Chas. Parkhurst
Jr. R.R.

Menlo Park N.J. Jan 31st 1878

J. Bergmann and Co
120 Wooster Street
New York

Gentlemen.

You will alter the rest of the receivers to the model sent you and be particular in the following points

(1) The piece that is put in the body to fill up must be screwed in (not driven) and a pulley pin put on top to keep it from turning round.

(2) The bearing for the diaphragm must be dead true both on body and cap.

(3) The inside of cap must be 1½ diameter and ½ deep exact.

(4) Make new magnet same as model and be particular about the part of the face marked A which project further into the cap than the outside line of edge to fillet a little lower so as to be free from movement of diaphragm.

(5) The core must be perfectly flat and the thickness of the diaphragm plate from the diaphragm.

(6) Bore hole for connections same as

2

model and use nothing but rubber covered wire for connections

Nickeplate the bindposts.

As regards the new model coil I like it well, but the relay must be put in the middle of the coil and the bindposts must be nearer the edge. The relay is better with the brass tongue as I suggested it would be when I first saw you had put in one

The bindposts are too near the top they should be put nearer to the edge of base.

When you get some relay shoes from Dick remember to have me (2) twelve at Glen office to put in their instruments

Yours respectfully

Alex Bachelor

for D.H.C.

P.S. Be particulary carefull about these points

[illegible]

[illegible]

[illegible]

As regards the [illegible]

[illegible] the middle of the [illegible]

[illegible] Menlo Park Feb 6 1878

[illegible] Respectfully Thomas

[illegible] Kinnaird N.J.

[illegible] Custer

[illegible]

The Phenol and the following [illegible]

[illegible] the morning: 1st Chloral Hydrate

[illegible] 2d Sulphuric Ether. 3 bromide

[illegible] 4th Electrodyne Phenol

[illegible] 5th Salt petre 6th Potassic Chlorate

[illegible] 7th Iodo Iodoform 8th [illegible]

[illegible] Potassium. please [illegible]

[illegible] R R [illegible]

Respt Yours

[illegible]

[illegible] form a

[illegible]

Memphis Feb 5. 1878

Memphis Tenn Feb 5 1878

Chas. L. Bruce & Hunger

Mobrick & Goebeler

Received N. Y.

Terms Cents

Please send the following articles

Out of Bernards Road by Central Express

2 lb Mercury, 1 lb Chloroid Hydrate,

1 oz Lugol Iodine in oil, 1 lb Calc Chloride

1 lb Sulphuric Ether, 1 lb Calc Chloride

1 pounds or more

1 lb of Chloroform, Plumbago

5 lb Salt - Potassic Salt, Potassic Iodide

2 Gals Turpentine, 1 lb Camphor

Pottinger, please send by freight

Pam R R prepaid

Respt Yours

T. A. Edwards

for W. C.

Menlo Park N.J.
Feb 7th 1878.

S. Bergmann & Co
104 Forsyth Street
New York

Gentlemen
You can make the magnet in the receiver 3/32 narrower or curvey whichever you like.
In the next lot, do not order the coils from Fitch but let us know as we are experimenting with some coils now, you can get all the other parts ready and I will let you know about the coils on Monday.
Call at Fitch's and get the 15 receiver spools as I told him to get them ready immediately and give to you if you called. I think you had better give him an order for your relay & receiver spools but not for coils till you hear from me

Yours truly
Chas Batchelor
for T. A. E.

Menlo Park N.J.
Feb 14 1878.

Baldwin Bros & Co
29 Broadway
New York

Gentlemen,

Gentlemen, [illegible] I send you a box today by Jersey express marked W. H. Preece, Post Office Department London, Engd. Please forward the same and send receipt to me and oblige. Yours respectfully

Chas Batchelor

Gentlemen

two pounds of Cheese

charge to my Account

Menlo Park
Feb 22 1878

C.A. Dehart Esq

Please send the number marked on each pattern and ship them by express immediately

Yours respectfully
Chas Batchelor
for T.A. Edison

Menlo Park N.J. Feb 24th 5

W. Davies Esq
Aurora Elect Co
Aurora Ill

Dear Sir

We received your letter of the 20th inst. & send you this wheel of Marquette iron by express. We have in all up the only air for experimental purposes we get very much better results from your carbon than from the best, and have sent some to Phyfe, and by this device the development runs but very little trouble.

Respectfully Yours
Thos A Edison

Mines Park N.J.
Feb. 22nd 1896

Mr. Fred. Mc Manus

Dear Sir

Will you kindly mean this
Guarantee

I want you to mean this
Guarantee the end which I want you to use
as a model for me more. Make six exactly
like this, same number of layers of card board
same, same number of wire exactly and to
measure exactly the same.

Give me this if possible this week and
if possible Tues. Morrow

Yours T.A.E.
Jas Parker

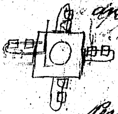
Menlo Park N.J.
Feb 2[illegible] 79

[illegible]
New York

L. W. Serrell Esq
Gentlemen, Chambers Street

[illegible] the [illegible] which [illegible] & a model for [illegible] on Photographic [illegible] the papers [illegible] also model for [illegible] you yesterday [illegible] Batchelor with

Please [illegible] on this device [illegible] two of it



[illegible] Batchelor

Respectfully Yours
[illegible]

Menlo Park N. J. 1878
Feb 20th

[illegible] Merrill & Co
67 Chambers Street
New York

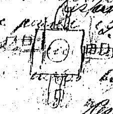
Dear Sir

[illegible] the names of my witnesses [illegible]

[illegible]

[illegible] back by [illegible] the assignment [illegible]

[illegible] make two [illegible]



T. A. Edison

Respectfully Yours
Thos. A. Edison

Steels Park N.W. [illegible]

J. J. Crooke Esq.

[illegible]

Dear Sir,

Please send [illegible] pound of tinfoil same as [illegible] and same length and width as [illegible] before to W. H. Preece Esq. [illegible] Post Office telegraphs, London. [illegible] by Baldwin Bros. express [illegible] time for payment.

In addition to this order [illegible] (20) twenty five pounds of [illegible] [illegible] as sample and cut [illegible] and three quarter inches [illegible] put up in box. Send as [illegible] possible by express and also [illegible] of shipment to Preece of London.

Respectfully yours

[illegible]

Santa Fe N.M.
Dec 22 1871

S. Bingham & Co
154 Nassau Street
New York

Gentlemen

Please send me a pair of boots like the one I made that cover up the top part of the pistol holster. Please

Respectfully Yours
J. B. Chisum
per Jackson

[illegible]

[illegible] 25th [illegible]

[illegible]

[illegible]

[illegible]

(4) [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

New York

Feb. 24th 1872

Baldwin Bros & Co

172 Broadway
New York

Gentlemen,

We send you for the
day marked Invoice Rustan Kingdom
Note, London Buy. Please ship at
immediately, and send bill of lading
& insurance receipt to us

Yours &c
Jas. E. Adam
per A. Atchelor

Comm. Merch.
Cotton Factor
Commission

Glenn Falls N.Y.
24th 1895

Dear Sir & Co.

Yours of the 20th inst. rec'd

Mr. Robert Ely
Adams Mass.
Kewanee Ill.

Dear Sir

I send you from this day forward by express 100 Hatchets, I believe is too large a number to send by express, the smaller sizes I will express to each other

Yours truly
Jas. Ostrander
Per Batchelor

[illegible] would pay as soon as ready and [illegible] I have chipped them.

B

Menlo Park N.J.
Feb 26th 1915

Mr. B. Hollingshead Esq
116 William Street
New York.

Dear Sir

I ship you this day one small phonograph and the extra mouthpiece which you saw Saturday, by express.

Resp. yours
Chas Mattheis
for T.A.E.

Menlo Park N.J.

Menlo Park, Feb. 26th 1878

Mr. Johnson & Cry

Re New Church St

Dear Sir

Send you (1) three corp, (2) three (3) five resistance. The coils are connected up

exercise to open your battery when you have, to wait...

These coils are the best we have had, but last night we made a coil that worked far better, for Edison, Barclay and the articulation was perfect. With Edison, Barclay coils we will be able to get more clear, better articulation than you would be surprised at you, would after making the property comparison. We are putting up one of these coils now in Paris and shall send you two of them as soon as you let me know where I can reach them

Yours truly

Menlo Park N.J.

Menlo Park N.J. [illegible]

To J. Phillips Esq.

Pentonville London

Dear Sir

Please send me Bichromate, (2) lb

(10) ten pound No 17 [illegible] copper wire connected

(10) ten pound No 18 [illegible] with plug in tra

(10) ten pound No 19 circuit, to open your battery cir

(10) ten pound No 20 [illegible] have [illegible]

(10) ten pound No 21 [illegible] are the size we [illegible]

(10) ten pound No 22 had, but last night we wo

(10) ten pound No 23 [illegible] copper wire

(2) two pound No 24 Silk covered copper wire

(2) two pound No 25 Silk covered copper wire

(2) two pound No 26 Silk covered copper wire

(2) two pound No 36 Silk covered copper wire

Respectfully Yours in haste

Thos A Edison

Batchelor

Menlo Park N.J. — 3 mo 5 / 1

Do you know where I can get ~~glass to~~ thick and perfectly flat on our face ~~I want to~~ procure discs of that ~~kind~~ thickness ~~and~~ about 7/8 diameter. probaly you know some one who would make them for us

You Respt
T. A. Edison

C

Menlo Park N.J.
Feb 25 1891

Mr Frost Esqre

324 Lawrence Street
Brooklyn

Dear Sir

Do you know where I can get glass the thick and perfectly flat on surface I want to procure some of that thickness and shape & dimensions, probably you know someone who would make them for us

Yours respectfully
T. A. Edison.

Menlo Park N J
Oct 25. 1878

Prof A K. Eaton
Henry St Brooklyn

Dear Sir Oct 25 1878

Do you know where I can obtain a piece $\frac{3}{100}$ thick and perfectly flat on surface I want to procure piece of that thickness and about 5/8 diameter probably you know some one who would make them for me or where I can procure them

Yours respectfully
T. A. Edison.

Perhaps you know a firm that makes this for us

Yours respectfully
T. A. Edison.

Menlo Park 2-26-78

Mr Wiley

Dear Sir

I should like to have my Phonograph if you have done with it please leave it at my office

Yours
T. A. Edison

Menlo Park 2-26-78

Mr. Jno Crowell Wilco

Cincinnati

Please send by express
forgings one bar of decarbonized steel one
inch in diameter and one bar of same
½ inch in diameter

You have done well

Office
Enclosed the patterns
T. A. Edison
Yours Very
Thos. A. Edison & Co.

Learn what was Your orders

Yours
Edison

Mare Island, Cal.
Engy. Office
U. S. Steamer by
Delaware
Orleans Street
New York N.Y.

Dear Sir,

Amongst the patterns sent you by express were two the shape.
Please cast the more of each than what was there ordered.

Yours
Orbison

[illegible]

[illegible] Mulberry St

My

[illegible] shipper and

[illegible] shipper

& co Edison

[illegible] Co

[illegible] Clerk

London

[illegible]

Amongst the packers sent

[illegible] Shipper

[illegible] we are [illegible]

[illegible] receiving [illegible]

[illegible] what was there ordered

[illegible] Yours

[illegible] Edison

[illegible]

Menlo Park N.J.
1st of Sept.
1881

T. A. Edison

Thorton Pratten Esq.
Langham Hotel
London

Dear Sir

We have shipped you this day by express one small Phonograph (such as we were operating of when you were here) for sale at Paris exhibition

Yours
Th. A. Edison,
per Batchelor

Menlo Park 2-27-7

Thos. C. Campbell Esq.

Dear Sir

did you receive
my check for Lapis please answer
Respt.

Langham Hotel Edison
London

[illegible]
new Lightill [illegible]
as no under
[illegible] speaking of
[illegible] I was at Paris [illegible]

Yours
T. A. Edison,
per Batchelor

Menlo Park 2-27-78

Mr Canning Freeman

Dear Sir

Please send me a statement of my account as soon as possible also send balance of coal ordered immediately we are all out there was 3 tons ordered and only one received

Respectfully

T A Edison

Menlo Park Oct 27. 1878

E. P. Bruy Esq

Dear Sir

In regard to your letter received this day I would respectfully refer you to Chas A Cheever. Tribune Building New York who will give you all the information required in the matter of Agencies

Yours Respt.

T. A. Edison

per C.

Menlo Park Feb. 27. 1878

Wm. Courtney Esq.

Dear Sir

Yours of the 25 received
and I send to Phonograph Parlors 841 Broadway
Mr. Chas. W. Cheever, Tribune Building, NY
who will give you all the information desired

Reply yours

T. A. Edison

Menlo Park, Feb 27, 1878

J. C. Neff, Esq.

Milleville Lane Co.

Dear Sir

Your of the 21 received
in reply would say that the article you saw
in the Sun was correct. For information
in regard to agency I would respectfully refer
you to Thos A. Scherer Tribune Building
N.Y.

Yours Respt
T. A. Edison
C.

Menlo Park Feb 27, 1878

Chas H Foster Esq

Dear Sir

Your letter of 26th received you ask if the Phonograph will record as fast as the rate of 130 words per minute would and that it does and even faster. It is at present young for practical court reporting as you have to hug your mouth within an inch or of the machine in order to get the vibrations recorded. I will soon have it perfected to answer all the purposes you speak of. For further information I would refer you to Chas A. Chase Tribune Building. N.Y.

Respt Yours

T A Edison

C

Menlo Parks Feb 27, 1878

Chas A Chever Esq

Dear Sir

Menlo Park Feb 27 1878

Envelopes and letters received this day I have answered them referring them to your address

Yours letter of 25th in
[illegible] T A Edison
[illegible] Comte
[illegible] It is at present
[illegible] supporting [illegible]
[illegible] within one week [illegible]
[illegible] to get the vibration
[illegible] it indicated to me
[illegible] speak of for further
[illegible] Chas A. C

[illegible] yours
T A Edison

Paris Feb 27, 1877

Dear Sir

Paris Feb 27, 1877

Enclosed find Cheque

Dear Sir

Enclosed find

Respt Yours

T W Edwards

Menlo Park Feb 27, 1878

Mssrs. Eddy & Messrs

Dear Sir

How is it that you [illegible] to Wm. Wilson 25 ohms spools for [illegible] value of $50. we did not so order it [illegible] my order [illegible] my letter of [illegible]

25 Coils [illegible]

50 Riley spools 25 ohms each

25 Spools [illegible] small one bor[illegible] [illegible] and afterwards kept. I certainly [illegible] the order [illegible] have been charged Who did [illegible]

Respt Yours

Chas Batchelor

C

Menlo Park Feb 27, 1878

Received

Dear Sir

Menlo Park Feb 27, 1878

Friend Bergmann

Dear Sir

I now find you have put in receiving 25 thus spools instead of 50 or 60 why did you do so?

If you will refer to my letter of Jan 19, you will find it stated "Spools must be 50 to 70 ohms". Why has you never ordered it changed?

Yours

Chas Batchelor

Menlo Parks Feb 27th 78

J Murray Esq

Dear Sir Menlo Parks Feb 27th 1878

I will pray this bill of
[illegible] $6 [illegible] have it sent to me
[illegible] let you know [illegible]
[illegible] 50 [illegible] instead of 60
[illegible] Respr
[illegible] is my [illegible] you
[illegible] it must be 60 & 70
[illegible] never ordered it

Yours [illegible]
Chas Satchelor

Menlo Park [illegible] 1878

Menlo Park Feb 27. 78

Dr. A. S. Eaton

Dear Sir

[illegible] Dynamo requires 1000 but want to [illegible] I have the [illegible] of Dynamo [illegible] 2. The drum [illegible] for dynamo [illegible] relations [illegible] by displacing [illegible] vacants [illegible] wires overwrap by heat due to passage of current through [illegible]. How much for [illegible] They must be flat & wire [illegible] may [illegible] [illegible] your [illegible] over —

C

Respectfully

T. A. Edison

per C

Menlo Park Mar 1 1878

Messrs J. Thomas & Plum
Cincinnati

Yours of 26. received on
regard to Price lists. Had cases you had better send
them with the covers on in regard to binding Patent
Office decisions all of one year together in one volume
and the years commencing and succeeding the
earliest year first and so up. Binding to Blue Boards
and paper - $1.[13] per vol.

Respy
F. A. Casson
for Commr

F.C.

Menlo Park N.J. March 17 1877

A. Fontaine Esq.
Dear Sir

Yours of Feb 28 received yesterday. I have been
answer would say that I will willingly agree to
this if Mr Prescott will

Respectfully
T A Edison
for Carman

T A Edison
for Carman

Menlo Park Mar 1, 1878

B. Jno Eaga

Dear Sir

Yours of the 26. received in regard to Phonograph. I would respectfully refer you to Chas A Brewer Tribune Building NY

Yours

T A Edison

per

T A Edison

per Carman

Now is the winter of our discontent
made glorious summer by this
son of york and all

Menlo Park Feb 2d. 1878

E T Phillips Esq

Providence R. I.

Dear Sir

I send you the cords which we find fault with so that you can satisfy yourself that when in current they give a greater noise when moved in telephone showing something loaded. If you have any ~~thing~~ there should like to try it

Yours truly
T A Edison

We cannot use any of the cords but some time hence cut up to find the fault – so send you five

Menlo Park March 1.78

E. H. Phillips Esq

Dear Sir

Wire ordered Feb 26 is wanted badly send what you have of it immediately

Respt Yours

T. A. Edison

C

Menlo Park Mar 1. 1878

Friend Mac

Please make engrossed copy of this Cable for me so that we can have it framed for Laboratory. Charge same to me

Yours
T A Edison
for C

Menlo Park N J March 7th

Western Electric Mfg Co
~~Central~~

Pay the five Hundred
to Alfred Batchelor Manager and charge of
five bills to ~~settle~~ on the Companies account

Yours Respt
T. A. Edison
Pr C

Menlo Park March 2, 1878

Copy

Dear Sir

You needn't say it above a [illegible] but I do not think Charlie would do [illegible] Vanderbilt Letter to Chenner with [illegible] [illegible] I am going for Chenner for an agency for you

Yours truly
T A Edison
C

Menlo Park Mar 2. 1878

[illegible]

[illegible]

You have one or visit come
[illegible] the Phonograph talk and sing
[illegible]

Yours truly
T A Edison

Menlo Park Mar 6. 1878

R A Buckley Esq
Dear Sir

The enclosure correct address [illegible] communication to C. A. Chase Indiana Bucklin Esq. he will give you all the information desired

Yours truly
T A Edison
C

Menlo Park Mar 2. 1878

Dear Sir Esq

I have been very busy with my Phonograph hardly have time to eat - but I have not forgotten. The Phonograph will reproduce piano music with very little loss of power. There have been many attempts to do what you say can be easily done only I think the Phonograph would render it valueless

Yours truly

T A Edison

MC

Menlo Park March 2. 1887.

Albert H. Wiley Esq.

Dear Sir

Mr Edison directs me to say that he has now obtained perfect production and that your suggestion of a horizontal furnace is good. he will try it and thanks you for the suggestion

Yours truly

HC

For T. A. Edison

Menlo Park March 2. 1878

[illegible] Esq

Dear Sir

Mr Edison directs me to acknowledge your letter received. He plans you suggest [illegible] is used for many years in physical laboratories for investigating the Larynx. It is called Scotts Kymograph, but it is almost useless as it [illegible] a true record and the same word may be repeated 100 times and no one will be alike – the amplitude of the vibrations due to the hearing [illegible] are so small as to be almost invisible. [illegible] find a description of it in Silliman's [illegible] in Scientific American within last [illegible] months)

Yours truly

T. A. Edison

per C.

Menlo Park N.J. Mar 2

G W Lloyd Esq

Dear Sir

Please address this a letter
Agent Phonograph Co Tribune Building NY
for information about agencies

Yours truly
T. A. Edison
MC

Menlo Park Mar 2. 1878

Messrs Horton & Olney

Gents

Mr Edison directs me to say that he will be at home tuesday next and would be pleased to show you and friends the Kinetograph and suggests that you come on the 3 P M train from N. Y returning at 6 20

Yours truly

H. Carman

for T. A. Edison

Menlo Park Mar 2. 7

[illegible] Edison

Dear Sir

Mr Edison directs me to say that the Phonograph has been placed in hand of a Co of which Mr C A Cheever is at present the head and that he will probably be able to furnish [illegible] information addressed C A Cheever [illegible] Building N.Y.

Yours truly

B C

for T A Edison

Menlo Park Mar 21, 1878

Dear Sir

Mr Edison desires me to say Prof Mayer of Hoboken is preparing a [illegible] for the Popular Science Monthly on the Phonograph probably he in next month. There will also appear an article [illegible] next month also [illegible] Scientific Weekly. The New York [illegible] ago had 2 columns. also [illegible] Times or Tribune. N.Y patent [illegible] next month

Yours

H Carman

for T A Edison

Menlo Park Mar 4. 1878

Mr. Jonathan Gray

Dear Sir

I have sent you by mail patterns which of course two castings made of Brass (extra)

Resp. Yours

T A Edison

C

Menlo Park N.J. Mar 11. 1878

W. H. Preece Esq

We have shipped you 25 ft. tin foil ~~[illegible]~~ for your Phonograph by Baldwin Express ~~express~~

Respectfully Yours
T. A. Edison
Q

Menlo Park Mar 4. 1878

Theodore Puskas Esq

Dear Sir

We have sent 50 tin foil
in four different thicknesses separated by a piece
of paper between each size in box. we find that
thickest is the best to work but found out too
late to have it altered —

Respt Yours
T A Edison
C

Menlo Parks Mar 4, 1878

W. Day Esq
Dear Sir

Yours of Feb 27 received in regard to Phonograph I would refer you to Chas A Shearer Tribune Building N.Y. who has charge of it at present — I have nothing interests at present except Electric pen which is managed by Geo H Bliss 220 Kinzie St Chicago — and duplicating ink for duplicating 30 or 40 letters on hard paper

Yours Respt
T A Edison

Menlo Park Mar 4. 1878

E. Priestley Esq

Dear Sir

Yours of March 1. received

I never would say that I am troubled the same myself and have been told by several Professors there is nothing the matter with my Ear it wants cleaning out. I hear distinctly through both

Respt Yours

T. A Edison

E.

New York March 5 1878

Sidney Bartlett Esq
Dear Sir

In regard to the Phonograph I certify you to the Chas A Sherwin Tribune Bldg New York. They are not yet capable of securing lectures but will take up and pass out music and recitals provided the magnetic is continued as a substantial of entertainment

Yours truly
J A Edison
N.C.

Menlo Park Mar 5. 187

Col R. B. Phinney

Dear Sir

It will be impossible for me to meet you in New York as I am busy on the 26 and day ~~assuming~~ visitors ~~are~~ and cannot tell at what time I will be in New York

Respt Yours
T A Edison
C

Menlo Park Mar 5. 1878

J. H. Ivimey Esq

Dear Sir

Go and see Chas A Cheever
[illegible] Building New York and tell him you will
[illegible] him the large size Phonograph for $40.
[illegible] him that you can dispose of several of
[illegible] as you now have calls for them to
[illegible] Professors

Resp'y Yours
T A Edison
M.P.

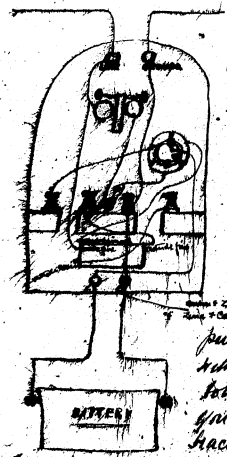
Menlo Park Mar 5 1878

Dear Sir

I have written to you ~~Dear~~ ~~Sir~~ ~~that you are~~ ~~Phonograph~~ ~~for $40~~ ~~board of experimental~~ ~~Phonograph~~ ~~and gold prize for manufacturing the same~~ ~~to make for $40 each~~ ~~for $60 it would leave a~~

Yours
T. A. Edison

Menlo Park N.J.
March 6th 1878



Jim,

We send you two brackets today connected up like sketch they have binding screws on for calls and a plug arrangement for switch, when you take receiver put plug in top when you call put plug in bottom hole and the two posts at bottom which go to battery you must put on one bracket zinc & left on the other zinc & right so that you have them when you call the effect of both batteries will be a Gallanid cell in each end.

Remember that these arrangements are not for more than 200 ohms although you can use telephones with as much resistance as you like but more than that is not good for calls. I send you a receiver that will beat the ones you have and I will send you two transmitters and another soon. The transmitters being better for work, keep using them all time and find out all about their lines and also any effects that may be on instruments

Yours—
Chas Batchelor

P.S. I told Ellen when you wrote I had heard from you

B

Menlo Park Mar 7. 1878

John Becker Esq

Dear Sir

Yours of the 6th received
do not exactly understand what you mean.
I have no arrangement but would gladly
give you all the information you desire
calling at my laboratory at any time

Respt Yours
T A Edison
Jr Carman

Menlo Park N J Mar 7/77

C. Delmonico Esq

Dear Sir

Yours of the 5th at hand in
[illegible] would say. I have just engaged a young
[illegible] and one more I expect to come. If he does
[illegible] I will let you know by postal.

[illegible] regards

Rspt yours

J. Kruesi.

for C.

Menlo Park N.J. Mar 7. 78

Eugene A. Gilbert Esq

Dear Sir

In answer to your first question in regard to the "Yo" 2d. needs no battery, simply a mechanical contrivance. 3d. can be made, subject to any part of the largest face on the N 5 — 4th I refer you to Mr Orrs in regard to appearance — 5th Coin be used any number of times — 6th good by clock work 7th you can produce any amount of video at pleasure or any configuration and hear them distinctly 8th I refer you to the Phonograph Co. in regard to agency

Respt Yours
T. A. Edison
Per Carman

Menlo Park N.J. Nov 8. 1[illegible]

[illegible] Co[illegible]

Dear Sir

We have had to send the [illegible] get ready for you to Philadelphia [illegible] experiments and will have more [illegible]

Resp[t] Yours

T. A. Edison

C

Menlo Park N J Mar 5

Dear Sir

Have you shipped
[illegible] or can you send it [illegible]
immediately

Respt Yr
T A Edison

Menlo Park, N.J. Mar 9. 1878

E T Phillips Esq.

Dear Sir

Please let us know something about wires. I have must order in Philadelphia so we can know something definite at once

Respectfully Yours
T A Edison
C

Menlo Park N.J. Mar 9 18

Mr Benjamin C
Geitz

How soon can you make me
some the 50 volt Potato battery Jones — If you have any
on hand send them along

Yours
T. A. Edison

Menlo Park N.J. Mar 11. 1878

E. H. Johnson Esq.

Dear Sir

Mr Edison requested me to say that he has made application at Paris Exhibition from this point which will be satisfactory in regard to it

Respt Yours

H.C

for T. A. Edison

Menlo Park N.J. March 11, 1879

Mr. H. Pantzer Esq.

Dear Sir

Yours of the 10th received

I will come down to Philadelphia in a few days.

Yours Respy

T. A. Edison

W.

Menlo Park N.J. Mar 11. 1878

[illegible] & Sharpe

Gents

I have this day mailed to [illegible] a micrometer Caliper for graduation as per [illegible] 1878 please have it done soon. [illegible] find $11.00 please send the [illegible]

2. Hour rule Graduations No 1

3. 1 rules 4 inches long

1 [illegible] to inches long

1 [illegible] Steel Straight Edge [illegible] 10 24 inches Long

1 Centers Gauge

1 [illegible] Cast Steel Try square [illegible] inches long

Yours Respt

John Kruse

per

Menlo Park

N.J.

Menlo Park N.J.
March 11th 1878

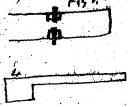
E. H. Johnson Esq.
New York

Dear Sir

Bergmann was here today and said you had given him orders for 25 more phonographs and that you had made some alterations. I told him that he might wait to do the following until he heard from you as if you object they all any good write him to stop it.

1 surface of screw for adjusting spring put on as in fig 1 first and on as fig 2 so that you only have to adjust from front instead of putting your hand over the drum, and also instead of

only half way through ~~[illegible]~~ Also the upright ought to be equal those and the arm have a bigger ~~[illegible]~~ as in fig 3 with some ~~[illegible]~~ point



The arm ~~[illegible]~~ also have longer but as a ~~[illegible]~~ give more bearing ~~[illegible]~~

~~[illegible]~~

suggestions meet ~~[illegible]~~ correction

Yours Rightly

~~[illegible]~~ F.A.C.

Wlenlo Park N J Mar 12-7

R. C. Pell Esqr.
Dear Sir

Yours of Feb 4. received
I reply we could say that the account you send was
correct & I could refer you to Dr Pusker. Langham
Place England

Respy Yours
THOS Edison

CWC

Menlo Park N

E. P. Bray Esq

Dear Sir

Yours of Mar 7.

say that Mr Chiever has charge of P

and the W. Union Tel Co have a

Respt Yours

T. A.

Menlo Park N J Mar 12. 187

J H Rugg Esq
Dear Sir

Yours of the 8th received in reply would say that I have no apparatus ready write to E H Johnson Room 28 Tribune Building perhaps he can do something for you

Respt Yours
T A Edison
W C

Menlo Park N.J. Mar 18. 1878

Messrs Cowdrey & Hanson
Gents

Please send by freight prepaid to the following Potassium not Chlorate we have ordered this several times and you have always sent Chlorate. Please be particular and send Chloride Potassium. hurry it through

Respy
T A Edison
per C

Menlo Park near 18 1878

Henry Bentley Esq

Dear Sir

Enclosed you will find letter of Robt McGowingle which please answer as I have not – I have referred several parties to the Western Union Tel Co – and they have sent me word that the Western Union say they do not know of any such Telephone as Edison's – please attend to this and oblige

Yours

T A Edison

WE

Hands Point. near 15th St.

Dear Sir

I am very much obliged to you for your kind communication. If I can [illegible] you [illegible] in experimenting the sounder connection with my Telegraph. I will do so. Thanking you for your kindness

I remain

Yours truly

J. A. Orlando

[illegible]

Menlo Park N.J. Nov 25. 1878

J. W. Howell Esq.

Dear Sir

Mr. Colman is away at present you had better apply for an agency in your section immediately to Chas. A. Clum as per enclosed card. The new man made one mistake and that is the backward movement you speak of — when Mr. Clum returns I will hand him your communication

Yours

W. H. Carman

Secy

Menlo Park N.J. Mar 1st 1897

J. C. Heiber & Co.

Gents

Enclosed find card in reference to Phonograph. Please give to Western Union Tel. & 197 Berry in regard to it. (Telephone)

Yours

T. A. Edison

T. A. E.

Menlo Park N.J. Mar 15, 1879

H. L. Pierly Esq.

Dear Sir

I get most of my articles made by Bergmann & Co. 102 Mott St. N.Y. write to Geo. H. Shaw 220 Randolph St Chicago for agency of Electric Pen. for Information about Phonograph please write to Chas. A. Chevrier Tribune Building N.Y.

Yours

T. A. Edison

J. Camm

Ocean Park N J Mar 15th 1878

R. H. McCormick Esq

Dear Sir

I have not received form No 4 pleasant from as yet

Yours truly
T. A. Edison
for Quinn

Menlo Park, N J Mar 15. 1878

H M Raymond
Esq

Enclosed find check to balance
U.S. account

Yrs
Chas Batchelor
per

[1]

Mount Park P.O.
March 1st 1876.

H. Pope Esq
Norman Court Isle Wight

Dear Sir

Mr Odiam says you are making some small coinders for him. Please make them of composition same as made by Messrs Austin & Co and also put on same inscription on them as we sent them for Paris exhibition. Any light & gilding & very nice

Yours respectfully
Chas Satchell

[illegible]

[illegible] days.

[illegible]

[illegible]

[illegible] Please send (12) twelve yards [illegible] (blue).

We send you (1) one pattern by [illegible] bearer please sort from large one (1) one brown and (1) other [illegible] [illegible] the next eight (8) [illegible] of single [illegible] and do we have them [illegible] [illegible]

Yours truly
M R C Collins
per C.

P.S. Please have pile mat patterns [illegible] them

Menlo Park N.J. Mar 19. 78

S. Bergmann Esq C
Centr

When are you going to send us those battery jars? we want them soon

Yours truly
Thos A Edison

Menlo Park N.J.
Mar. 19th 1878

H. Rayner Esq
New York

Dear Sir,
Please send me by mail at once One piece platinum sheet (18) inches long ½ wide and (.004) in thousandths thick
One piece platinum wire No 13 gauge (3) three inches long

Yrs &c Edison
per B.

Santa Paula Cal.
Nov. 29th 1898

Mary Bentley Co.
Philadelphia Pa.

Dear Sir

Please send the enclosed
[illegible]
To be [illegible]
[illegible]
[illegible] Respectfully yours
[illegible] please [illegible] the [illegible] voyage
[illegible] weeks [illegible]

Th. C. Edison
per D.

(449)

Menlo Park N.J. March 21st 1878

Gilliland Esq
Cincinnati O.

Dear Ed.

Edison says your article is all right & he has given so many machines away that the Phonograph Company has got them back up and stopped him else he would get me for you to exhibit. He says however you can write to the Phonograph Company Bro Osborn New York for the right to exhibit in Cincinnati and as they are giving such rights you will likely get it. If you get it Ed and you want it make me a little give you a drawing just the size for your guidance

Yours Batchelor

(Phonograph changed)

[illegible]

[illegible]

[illegible] Young [illegible] believed
[illegible] by that you had better and the
[illegible] [illegible] given in many [illegible]
[illegible] Phonograph Company has
[illegible] have [illegible] the
[illegible] you [illegible] to
[illegible] the Phono
[illegible] Box 5829 New York for the
[illegible] in Cincinnati [illegible] as they
[illegible] rights you will [illegible] lately
[illegible] not at Cost and you want
[illegible] I will give you a drawing
[illegible] for your [illegible]

Yours [illegible]

Menlo Park Mar 22. 1878

Please send by freight to Menlo

[illegible] of the round Brass Rods

[illegible] 1/16 " "
[illegible] 5/16 " "
[illegible] 3/8 " "
[illegible] 7/16 " "
[illegible] 1/2 " "

[illegible] and nutting and make one bundle

Yours
T A Edison
Menlo Park
N.J.

Menlo Park Mar 22. 1878

Please send by freight to Phila

Menlo Park N.J. Mar 22. 1878

Messrs Cramer & Carpenter Phila Pa.

Gentlemen

Please send by freight

one bar 3/8 inch decarbonized round steel

one bar 5/8 inch decarbonized round steel

Yours Respt

T A Edison

Yours

Thos A Edison

Per R. Cramer

Menlo Park

N.J.

New York Sept
March 22 1886.

Thomas Mitas Esq
Langham Hotel
London

Dear Sir,

Mr Edison directs me to send you the following statement

£ 580 at 4.86 = $2820.- gold
at m/c. = $3862.90 currency.
£ 5 $4862.90 = $24.054.90
Received from Mr Mitas for 135.00
$23919.90

A check for the above amount I have handed to L. M. Jewell & place to your credit, he will no doubt notify you of the fact

Respectfully Yours
Chas Batchelor for
S. A. Edison

Menlo Park N.J.

L. H. Lovell Esq

New York Oct 22 1876

Dear Sir

Enclosed at Exch — $4290 — Gold
10% pr. $436.2090 Currency
13 " 246.4130
Deduct 1/2 Cent Brok. per 138.90
$231.93

~~Please find~~ enclosed check for same which you will place to the credit of Theodore Puskas as per instructions

Respectfully Yours
Thos A Edison
per C.B.

Menlo Park N.J.
Dec 22/87

E. M. Naymor Esq

Please find enclosed check for seven dollars in payment of platina ordered. I do not see how you could be under the impression that you were obliging me in that matter of his work of goods sold to Mr Gilliland when you always billed the same to him. I never authorized him to get any goods in my name and he has informed me that he did not

Respectfully yours
Thos. A. Edison

Pa. R.R.

If we had some way of telling how much it would be we could just as well as not send the money beforehand
TAE.

Union Port N.J. 1871
Mates 25 7

H. Thain Esq
Nassau Street New York

Dear Sir,

You will please make at once ~~(6) dozen~~ Bunnett Sundors (12) half size for us. The color of the metal must be same as Phelps Wastewellers instruments and do not put any name on them as they are to ~~be~~ be put on some instrument as calls for exhibition at Paris. We want them quick. They must give as good sound as ordinary large size ones

Yours
Mr. A. Odell.
per CB

Menlo Park 23 75

Geo Morris Esq

I am trying to effect a settlement with A & P Co direct with prospect of success they agree to pay the 1000 first claimed and so to Domestic

and they also that they either bookkeeper go over books & ascertain if full Correct & so that I would give them 1 year time to pay - will be over soon = they promise immediate action

Yours
T A Edison

Menlo 23 - 78

Friend Davies,

The telephones are coming on but very Tel. G: I see I had to make a ~~last~~ and I am anxious to get a settlement from them = It will not be long before I can supply you =

Yr

T A Edison

Geo S Mottage Esqr Mont Park N.J. March 23 1878

Dear Sir,

Your letter received, the contract is signed, money paid, my solicitor is now preparing papers for express phonograph patent in England, one of my assistants will have a model with two small phones are you acquainted with the lowest bid I can get is $6.00 each with box in lots of 100 for more. I have a machine here like that of Mr Perkins that tickles just as much as an electric bell I have 8 men working on the plate machine. This machine requires time because it must be a practical, marketable machine, to do the work that is expected of it, and be simple and easily made and one that will be hard to improve otherwise we will be changing and improving all the time which lessens profits. This machine can only be built on the Quinnian principle of interchangeability of parts like a gun or a sewing machine. Hand made machines would create endless confusion. I will send you the 2nd plate machine made, and just as soon as the Ansonia Clock Co can furnish a clock I will send that. They have 8 men experimenting there only difficulty is to cheapen the movement. one penny to a large item on a Yankee clock. They are now making a

machine to stamp the records out from an electrotype coated with steel. I have not heard as yet if it is finished.
The Toy Co have also several men at work experimenting just as soon as I can get hold of one of their toys I will send. They have models working but cheap production of numbers is the only drawback. The first small Phimo sent was not good. I think we can get along in American matters all right. I will do the best I can to further the interests of all concerned in endeavor to bring the Phimo to absolute perfection. I never had but one lady taker, and I have lost that. I will have many of the prospectus and send you.

Yours Truly

Thos A Edison

Hear lab carefully care of our patents as you know and I am your away.

Menlo Park N.J.
March 26th 1878

E.H. Ansell Esq.

New York —

Dear Sir.

We send you a few (5) of the samples for the English patent for Phonograph. Shall send you many more but wait a little first to see if you can be doing so with them. I shall write out a full description of the Phonograph so you can see those for yourselves.

Mr A Edison

per B.

Menlo Park N J mar 26. 1878

John Bogart Esq
Dear Sir

Your's of the 20 received I am very sorry I cannot accommodate you in regard to the Phonograph, all those which I have made have been loaned out and I find it impossible to obtain them. I enclose you a Card to the Phonograph Room 28 Fortune Building N.Y. where you will find Proff Johnson he may be able to accommodate you in regard to the matter

Yours Respt
T. A. Edison
per W. Carman

Menlo Park N J Nov 27. 1878

Wm S. Hunt Esq
Cento

As to other works by compressed Air or Steam. I will do what you desire but about to turn concerned on Phonograph I will be unable to [illegible] it for some time. you will hear when I go to perfection through the Newspapers

Your Respt
T A Edison
Orinoco

Wells Park Mar 24. 1878

Professor Stephens Esq

Dear Sir

Yours of March 26th received and I find very that experiments have been tried on the direction you speak of but with no favorable results have arisen from them. If I can at any time give you any information as to time I will with pleasure do so. I am very busy now night and day with my Photographs and scarcely have time to eat my meals. I will write you in regard to the matter some other time.

Yours Resp
W A Cowan
Mt Pleasant Iowa

Menlo Park N.J.
March 26 1878

E. T. Johnson Esq
New York.

Dear Sir,

The reason Prof Barker did not ask you to exhibit the telephone and Phonograph for him is because he inferred from your circular that you would charge him ($100) one hundred dollars for the exhibition. Will you do it for him if he will pay your expenses?

Yours
T. A. Edison.
per B

Memphis Tenn. Mar 27. 78

[illegible] 100

cents

you should aptly us

[illegible] to suit the times sent and

[illegible] bourbons will not buy them and

[illegible]

Yr

Richard Batchelor

Jr C

[illegible] dollars

[illegible] per [illegible]

yours [illegible]

[illegible]

Menlo Park N.J.
March 28th 1875

W. Noonan.
Potterson 130 New York.

Dear Sir

Please send me

(12) twelve 8×10 common black j.p. shelf brackets
(21) twenty one 6×8 " " " " "
(44) forty four 3×4 " " " " "
also

(1) one gross No 4 woodscrews 1" long
(1) one gross " 5 " " 3/4" long
(1) one gross " 6 " " brass 7/8" long
(1) one gross " 7 " " brass 1" long

Please send me bill of same and I will send check when you can send goods by express.

Respectfully yours
Chas Batchelor

Menlo Park N J mar 26/1878

A Manners Esq

Dear Sir

Yours of the 19th received
noted any I will do where they take
my note for 30 days if not I will raise the money
and pay about next Thursday

Yours Respt
T A Edison
per Carman

Paris N.J.
March 29 1878

Mr. Bliss Bank mar. 28. 1878

Geo H. Bliss Esq
Trenton N.J.

Dear Sir
Herewith I have just received
the written telegram which you broke me
Can you inform me what it
means, or do you know anything of this man
I think he is either crazy or a dishonest fraud
please give me your views on the subject
I am just going out
(Yours truly)
S. T. Gilmore
Per Cuman

Message from Brookville
respectfully
S. T. A. Gilmore
M. L. Gilmore
Please send

Board for self & lone. Send baggage
by next train Bliss Bank endorsed
Gilmore

Menlo Park N.J.
March 29th 1878

New Jersey ~~Menlo Park~~ ~~Menlo Park~~ mar 28. 1878
Trenton N.J.

Dear Sir
Gentlemen, I have just received
Can you make me
a chain you tell me what is
thirty yards of steel chain (Englishman
Jack chain) likeeach link to be
to be (1/2) half an inch long by (5/16)
five sixteenths of an inch wide and
what will it cost (finished and rough)
I want it to run over a 5½ wheel
Please answer and oblige
Respectfully
Yr Obedt Svt
Thos A. Edison
Please find
Rly B
Value
Bills lading endorsed
Eng
D / ne Sawer

Rec'd 29th 1878

Edison Co

Menlo Park N.J. March 28 1878.

Mr. Wessel-Lemen

Please Send the Files

Dear Sir

Please send the by express

(1/2) half dig 10" Pennitat No 3 cut

(1/2) half dig. 6" Crobet 00 flat

(1/4) quarter dig. 6" Pennitat No 3. flat

(1/4) quarter dig. 6" " No 5 and one half

(1/4) quarter dig. half round 8" Pennitat second cut

(1/4) quarter dig. half round 6" Pennitat No 2

(1/4) quarter dig △ 6" Pennitat No 3

(1/4) quarter dig 6" Crobet pillar file No 4

(1/4) quarter dig 4" Crobet pillar file No 3 & 5

one twelfth dig. 10" smooth

Yours Respectfully

Thos A Edison

per AB

Menlo Park N.J. Oct 28 1878
Menlo Park N.J. April 21 1879

Mr Lockwood Esq
Jewelers Street New York
Please destroy old order and send
the following — (1/4) half dog 11 in Prontat No 2 cut
(1/8) half dog 9 in Order 00 flat
(1/4) quarter dog 6 in Prontat No 3 flat
(1/4) quarter dog 6 in do No 5 "
(1/4) quarter dog half round 8 in Prontat second
(1/4) quarter dog half round 6 in Prontat second
(1/4) quarter dog Δ 6 in Parlor No 3
(1/4) quarter dog 6 in Parlor No
(1/4) quarter dog 4 in Parlor No 3
(1/8) one twelfth dog 10 in worth
10 in Secretary
Yours Respectfully
Thos A Edison
per CB

Weehawken N.J. August 31 1878

Mess. Carnegie & Co
Gents

Please send immediately
to Orange Park N.J. freight prepaid via Penna R.R
the following

Bar ~~original~~ decarbonized round Steel
1 " " " " Steel

Yours T. A. Carman
for Carman

Menlo Park N.J. mar 29. 78

Mr. Batchelor
Please send immediately
Bill for light purchased since March 15
Enclosed find check for $
Bill of march 29th
Yours Still
Chas Batchelor
true.

Yours T. A. Edison
for Co.

Menlo Park N.J. April 3. 98

[illegible] Morgan & Reilly
Gentlemen

Bill received the first bill
[illegible] was left at Pen Office No 210 New Chur[illegible]
where you can [illegible] at any time we [illegible]
[illegible] has collec[illegible] long ago but upon [illegible]
[illegible] that [illegible] has been after it. The
[illegible] of $15.06 we will send you a check.

Yours

Thos A Edison
WC

Menlo Park N. J. June 3. 1878

Prof Baxter

Dear Sir

I have submitted your transmitter by Express this evening

Respy Yours

Chas Batchelor

M.C.

Menlo Park N.J. Apr. 2. 1878

S. A. Holmes Esq

Dear Sir

When will a reserve of Laboratory and my Photograph be ready. I will probably want to purchase a few —

Yours

T. A. Edison

Jr Carman

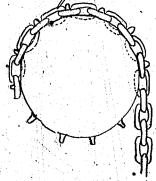
Menlo Park N.J. Apl 3 1876

New Jersey ~~Steel & Iron Co~~

Trenton N.J.

Gentlemen:—

The size of our chain ought to be about (35) thirty five links to the foot and the diameter of wire $\frac{1}{100}$ of an inch. We have no samples of that kind of chain and find it difficult to get. We frequently see it on English instruments. Run by weight while you can wind up without stopping clockwork, the links engaging in pin wheel like this—



Yours respectfully
Thos A Edison
per B.

Executive Office of

The Atlantic & Pacific & Franklin Telegraph Companies,

No. 145 Broadway.

Thomas T. Eckert, President
W. H. Guion, 1st Vice President
E. D. S. Sweet, 2nd Vice President

New York Sept 16th 1875

Lawrence Oliphant Esq
Attorney of the Direct. Atl. Cable Co

Dear Sir,

Anticipating that the present low rates will speedily tax your Cable I hereby propose to practically duplex its carrying capacity. I do not wish to enter into any discussion as to whether it can be done or not, but simply ask that you name a price which your company will agree to pay for a successful working apparatus. Payment to be made either wholly in cash or part in the Company's ~~stock~~ Collateral

Reply Yours.

W. H. Guion

[illegible]

Dr Edwards

My assistants inform me that you were here last night and asserted your belief that the phenomenon observed by me is static Electricity of low tension. Would you be so kind as to cite some authority on the subject and also indicate what kind of apparatus would probably generate static Electricity of low tension. That I may have one made.

Yours
Thos A. Edison

(400)

C. Corkey Esqr

Dear Sir

Mr Edison instructs me to write you to say that one of the relays that you send over here to Mr Murray to repair belongs to him personally & so he takes it. He finds it is all burned out & spoiled & expects you will repair it for him. Shall we send it to Murray to repair

Yours respectfully

Chas Batchelor

The number is 897 F.

[491]

Letterbook, LB-002

This letterbook, covering the years 1876-1877, is divided into three parts. Pages 1-98 contain correspondence from January-May 1876, primarily in the hand of Charles Batchelor, writing as general manager of the Edison Electrical Pen and Duplicating Press Company to the company's sales agents. Some of the correspondence refers to the removal of Edison and his associates from Newark to Menlo Park. On pages 101-131 can be found a three-page letter by Edison, dated October 26, 1876, discussing patent infringements against the electric pen, followed by other correspondence from 1877.

The third part of the volume begins on page 493 and runs in reverse order to page 284. It consists of tests and samples of Edison's duplicating ink in the form of spurious letters, doggerel, and numerous renditions of the Lord's Prayer. Most of the tests have been numbered and generally run about nine or ten pages, with the ink on each page becoming progressively fainter until the beginning of the next test. Most have been signed and many contain comments by Edison or Batchelor. Twenty-one pages of duplicating ink tests have been filmed.

The book contains 505 numbered pages, of which 80 are missing. The volume is not indexed, although one of its index pages contains spurious letters and doodles signed by Charles P. Edison.

The Edison Electrical Pen
& Duplicating Press Co.
New York

Letter Pa

Menlo Park Feb 15th 74

Final test of Fountain Pe

Geo Washington Esq

Will you please be so kind as to let me purchase the capitol of the United States as I wish to start a goverment of my own and on my own book of which I will pay the United States the sum of ten Million dollars when transferred

I Remain Yours Resp
Gen Matias Lerado
ex president Mexico

Washington Feb 17th 74

Gen Matias Lerado Esq of Mexico

Will you please be so kind as to take a walk as we do not want any renigades in this part of the world the people have not got over the outragous conduct of Grant, Charlie & co some hundred years ago who were at that time kings of all they surveyed

Yours truly
Geo Washington

Work Red Hot
Rapidly

BEGINNOPOR

G P Edwards

New York

Now is the

G P Edwards

winter of our

G P Edwards

discontent made

G P Edwards

Now is the glorious

Summer by this

son of York

And all the

Clouds

that

Winter of our

discontent made

glorious summer

by this son of York

G P Edwards

GPE

Jan 14 1876

J C Maynard Esq.

Dear Sir

We cannot give you the sole agency in Washington at present as we have appointed J. O. E. Cashard our agent there. You can however see him & we think you could get a commission from him

Respt Yours

Chas Batchelor

Genl Manager

J C Maynard
706 F Street N.W.
Washington D.C.

Jan 17 6

Messrs Williams & Rogers
Gentlemen

Your letter to E.S. Button & Son has been handed to me in which you wish a press of larger size. If you would kindly send me a sample sheet of the size you want I should feel obliged, as I am making different sized presses & want to supply the public generally with the fewest number of sizes possible.

Respy Yours
Geo Wm Chester
Genl Mangr

Jan 14 6

To Electrical Construction & Maun. Co

Gentlemen

Would be glad if you would sign & return the contract forwarded to you giving you territory, at your earliest convenience

Chas Batchelor
Genl Manager

Electrical Con. & Maun. Co
San Francisco
Cal.

Jan 19 6

Mr. J. Wheeler Esq.

Dear Sir, Telegram & letter to hand with send them on the 19th at the date specified by Miller & yourself. I am sorry you have trouble but can assure you that you will have no fault in future & find in regard to the press working. I am glad you count but the imperfection they shall be attended to & have already been installed, your bill of $240.00 is all right & your credit. I propose to make this thing a success & know that there will be no such things in future to mar it.

Respy Yours
Chas Batchelor.

Best Regds

[illegible] with you in a days or two about [illegible]

C.B.

Jany 6

[illegible]
Gentlemen

[illegible]
[illegible] committee. [illegible]
[illegible]
[illegible] of the Cabinet [illegible]
[illegible]
[illegible]
[illegible]

Chas [illegible] Muir
Post Manager

[illegible]
St Louis
[illegible]

July 6

Mess.rs Bennewhasset & Edison

Gentlemen,

Robertson & Ryan & Potter & Avery's presses B.O.D. have not come to hand yet shipped Dec 2 1845. Please have these taken out of bonde or see that they take them

Yours
Chas Batchelor
Gas Mang.r

Bennewhasset & Edison
Port Huron
Mich.

Jan 22 6

Dear Tom

How would you like to take the general agency for the 'Press' in the counties of England including, & above Lincoln, Leicester, Stafford, Salop, Montgomery, & Merionethshire & Scotland Ireland & Isle of Man. You to work up a sale by travelling Agents or resident agents in each county or part of a county & giving them a commission which will leave you a little from each press sold in your territory. I am doing that here & find it very successful. As you see by circular I have taken charge of affairs of the company (United Electricity of Edgar & Ludlow) & am pushing it through. I have written to a man in London to [illegible] me

Commission out of the above on the same terms. I do not know whether he will accept or not. I proposed to him that we should agree to furnish him delivered to any transportation Co in New York presses at the low rate of sixteen (16) dollars gold, in lots of not less than (10) ten at a time payable by draft beforehand or as we may agree in future. Think over this, & let me know whether you would like to take the whole of England or whether you think I ought to come over & start it myself. You can do any thing you please but the press now we have provisional protection there

Yours truly
Chas Batchelor
Genl Mangr.

Geo H Batchelor
J Creelman
Jas Broughton
Chas Creelman
Chas.

Jan 7

Sd McCk Esq: Dear Sir

As you will see by Circular sent the business of the press devolves upon me & I think it now important that we should be doing something in England as soon as we have protection there. I propose to you that you should act as General Agent in that part of England lying South of Lincoln Leicester Bedford Salop Montgomery & Merionetts Shires. I have written to a man in Manchester to take the other part of England but dont know whether he will or not. You to work a sale in those (as) your Counties by travellers or local agents for each county or part of a county. If this should meet your views will send you an agreement to sign & can let you have presses at (16) sixteen dollars gold

[illegible] Bank
[illegible] to be paid for by draft
[illegible] Hand

Yours truly
Chas. Bulkeley
Genl Manager

P.S. We are much more second
than [illegible]

[illegible]
London
Ontario

Jan 27 6

Geo A. Jessup Esq
Lin

Scranton Pa

The cost of our Electrical Pen de is $20 sent C.O.D to any part of the U.S. a set of instructions accompany each outfit.
It is in every respect a practical invention. It is useful in every office where the duplication of manuscripts or printing is required also in business houses issuing circular prices-current etc. In banks it will be found indispensable; in the preparation of blanks above mentioned it will save its cost.

Respectfully Yours
Chas Batchelor
Gen'l Mang'r

Your letter handed me by Wm H Barnard
Mr A.J.

Jan 22nd 6

D. C. Drake Esq.
Sir

You have utterly failed to comply with your contracts calling for a number of presses from each of your plates & I hereby notify you that your contracts will cease at the expiration of thirty days from this date

Jan 22nd 1896

Chas Batchelor
Genl Manager

D C Drake
Norwalk
O.

Jan 22 6

J O Clephane Esq
Dear Sir

You have had the agency for the District of Columbia since 3rd Dec. 1876 but as yet have sent us orders. Please write & tell us what the prospects are of doing any business there

Yours
Chas Batchelor
Genl Manager

J O Clephane
Washington D.C.

Jan. 25 76

[illegible] [illegible] Esq.

[illegible] Your letter handed to [illegible] [illegible] would state that [illegible] it much better for you to take the three [illegible] named as it can [illegible] [illegible] [illegible] The way of writing [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] be put [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible] [illegible]

[illegible] [illegible]

[illegible] [illegible]

Chas [illegible]

[illegible]

New York
41 Dey St
Jan 25 76

Box
3207

Richmond Smith Esq.

You are hereby appointed our agent for the counties of Essex, Middlesex, and Norfolk in the State of Massachusetts, and so long as you continue to satisfy us we shall protect you from intrusions, and allow the full commissions on all sales whether sold by the personal solicitations of yourself or agents or otherwise. We will supply you with complete outfits at (20) twenty dollars each to be paid for on delivery or beforehand. You to sell at (30) thirty dollars. A sale of (10) ten each month will satisfy us

Respy Yours
Lehar Bartholdi
Genl Manager.

Richmond Smith at
Lynn, Mass
Boston Mass

Edison's Electrical Pen Co
Duplicating Pen Co
New York. 41 Dey Street
P.O. Box 3207. Jan 25 1876

W. Tillman
Dear Sir.
Is every thing going satisfactorily with your instrument? Can you conscientiously give us a few words as a reference to put in a small descriptive pamphlet we are getting up as a circular.

Yours
Chas Batchelor
Genl Mangr

New York ——

Postal 41 Bway St ——
3204

Jan 26th 1876

Robert Watson Esq.

Your letter handed me by Mr Ewing. I should be glad to make some arrangements with you. We have at present an agent in Ontario, & am negotiating for one in New Brunswick, Nova Scotia & Prince Edw Isle. The party however may not take that. I can promise you the Province of Quebec if that will suit with the others if possible. If you are in New York call in & see me at the above address. We should expect this territory worked up well as we think it a good field.

Resp Yours
Chas Batchelor
Genl Manager.

Robert Watson Esq.
Menlo Park
N.J.

Jan 27 1876

Messrs Williams & Rogers

Gentlemen

The sizes you speak of 18X22 + 8½X16 would cost you

18X22 — $40.00

8½X16 — $25 00 for the presses alone. we do not think it advisable to use a larger roller with these sizes. If they were to be standard sizes we could be assured we could sell more of the same, & we could make them a little cheaper

Chas Batchelor
Genl Mang.

Williams & Rogers
Rochester New York

Jan 25th 1860

Richmond Smith Esq.

Dear Sir

It was entirely a mistake in not mentioning Suffolk County for Boston was the town we wished you particularly to take. Devoe + Bailey were appointed by Orcutt they have been notified that they cannot get the presses at the agent's price any longer. Your known was unnecessary as they had never sold any. I shall be very glad to increase the territory if everything works satisfactory. Write me tomorrow about the price I can of not less than 12, 25 cts possibly we may make a small reduction but I cant pay more

Edw A Batchelor

Hill 28 1876

Mr Fogg & Co
Gentlemen,

We hereby appoint you our agents for the sale of Edisons Electrical Pen & Duplicating Press in China & Japan for a period of (3) three years from date, provided, you sell or cause to be sold such a number, as will average (200) two hundred each year. After the first order has arrived at its destination. We shall protect you from invasion on your territory as far as lays in our power so to do.
We agree on the first order to deliver them in any port of New York for the sum of (16) sixteen dollars each. & that in the event of the machines not

being sold in China or Japan or elsewhere, we will take them back at the same price, & pay a sum not exceeding (35) thirty five dollars for freight on same; provided they be returned in good order, & that we shall have received the money within (6) six days after delivery in New York city.

If these terms are satisfactory to you please send order & where to deliver

Edison's E. L. & P. Co
Chas Batchelor
Gen'l Mana.r

Jan 6

H H Barnard Esq

Sir

Your letter recd
Hussey's size is too large for
at present will keep the balance of
paper & let you know about it
afterwards. Shall have ordered
hog the other day
send Butter & Trays this morning
also the one to Yarmouth.

Respy Yours
Chas Batchelor

Jan 8

Mr Kilby & Co

Gentlemen.

We can furnish you
with complete outfits at $60
twenty dollars you to sell at $80
forty & allow no one else a right
to sell provided you sell such
a number as shall average
(4) four each month on the
territory comprised of New Brun-
wick, Nova Scotia, New foundland
& Prince Edwards Isle.
Should this suit you will
send appointment

Respy Your
Chas Beard

Jan 28th 1876

Messrs Robinson & Ryan
Gentlemen,
The Press ordered by you of us has been lying in the Express office for some weeks. will you oblige us by taking it out.
E E P & D P Co
Chas Batchelor

F. S. Goulding Esq. Jan 28th 1876
Sir.
We can give you Erie County at present & if worked up satisfactory can extend it. If satisfactory will send appointment & price lists
Chas Batchelor
Genl Mngr.

F S Goulding
Erie Pa.

Jan 25 6

T. B. A. David Esq
Dear Sir

Your check came
us no inconvenience, but we u-
stood each other when you wire here
that all our goods went C.O.D. as a gift
a draft accompanied the order
you said then that as long as we
did our business in that way it
was all right. The pens are the same
but will change it if you wish
have shipped you an extra carton
per express (3 p.) & refer as one
brother.

Respy Yours
Geo. Batchelor

I am getting out some Teller books of
instructions now & will be able to give
you a lot soon. G.B.

Jan 19 6

W H Barnard Esq.
Dear Sir,

We can now furnish them at the shortest notice unless you should want them in large quantities.
Shipped you to night
1 for yourself
1 for Russell
1 for Britton & Gray
The six for yourself I charge nothing for as the commission on the other two pays for it
Chas [illegible]

Messrs Chapman & Doughty

Gentlemen,

June 21st 1876

We do not furnish an outfit for agents fee. — Will write you in a day or two about the batteries

We did send presses to a party in Washington, as you did not comply with the terms of the contract we could not let that territory wait

We can procure electricity to let you have them at the same price of your word.

E. R. & D. R. Co.

Chas Batchelor

Mr F Wheeler Esq
Dear Sir

Send you (3) brass screws & part of jars broken, also (2) two bottles built (2 extra cells) & the connecting wire are all cut here & will send by post when ready. The last screws must be in amongst the powder. Also send directions. am making some better, but it takes a little while to get them through.

I do not understand how you should be charged more than the ordinary price for freight as we deliver them to the R.R. Co. We intend to make different sizes & if you would send us as many different sizes as you think they

he wanted it will help us some in
the ceiling has nearly arrived we shall
make. Will let you know about
his coming in a short time.
You can refer any one that wants
an agency outside of your territory
to me & I will correspond with
them in regard to it

Yours
Chas Bartelds

F. S. Goulding Esq.
Dear Sir

We hereby appoint you our agent for Erie County, Pennsylvania & shall furnish you with presses at (£20) twenty dollars you to sell at not more than (30) thirty dollars. We shall not allow any other person to solicit in that territory & all presses sold there, whether by you solicitation or not, you will be entitled to the full commission in; provided, you sell such a number as shall average (3) three per month.

Respectfully
Chas Batchelor
Genl Manager

Fil 6.

W H Barnard Esq.

Dear Sir,

Your letter to Edison referred to me. We have just made some valuable improvements on the pen, roller, etc. ourselves. We have a great many uses for it at present but if your invention is something we have not thought of it is going to be of value we shall certainly remunerate you. May also here that my interest in the United States & Canada has passed into the hands of H. Cleveland Esq. so you know your idea will be fairly dealt with. I however retain the management till he can get somebody else

Yrs Batchelor

Feb 6

Mr F Wheeler Esq
Dear Sir
Dreams shipped
to you tonight we cannot at
present give you any more
territory. I am getting up some
pamphlets & books of directions
if you could get me a good
reference from one of your cus-
tomers I would put it in also
your business name & address
as agent for Dr Kennis & put
in Dr all sent you a number
of books etc when act. send a
few samples, will write more
later on this

Yours

Feby 6.

Messrs Clapham & Dingley
Gentlemen.

If your machine did not work you should have notified us. It have been told by responsible parties that they have called several times to see it & it was always out of order & was left to an entirely outside party to work up. We have applied for no other agent in Washington but shall have to do so unless you comply with the terms of the contract which calls for each month

E E P & D D

Adv Batchelor
Genl Manager

Feb 9 6

Richmond Smith Esq.

Dear Sir

I send you an unfinished book of instructions with a photograph as cut. Shall forward some as soon as I can get them.

Jos. Tel Co of New York did sell the right to use their system of Disappearing bells & fire signal boxes to a company of Newark N.J. & they are making money by the working of the same. The patent is not in litigation & any town that want it can buy & without fear of anyone interfering with them.

Resp Yours
Chas Batchelor

Ezra Kelley Esq.
Dear Sir
Enclosed find
check for (4.80) four dollars
& eighty cents. Please send
us (1) one pint of your water
oil potatoes as you say in 16oz
bottles. It comes not be as cheap
for us to buy the small bottles
as we use a smaller bottle & give
away with our perfumes.
Chas. Ba Fuller

Feb 15 1846

Wm. H. Barnard Esq. Washington

Dear Sir,

Your letter of 12 is hand. I send press & Gene Gillman as ordered. I drew on you as ordered for Osborne's press. I sent checks (no) comm. on Cooke's press & shall do same on Gillman's as soon as it arrives. Try & keep the press in Smithsonian Institute if possible. If you cannot please take the press yourself I will change anything for you.

By your letter & Mr Gillelland you seem to want Washington. Nothing would give me greater pleasure than to let you have full swing here & I think I can arrange it as

Yours Batchelor

Feb 16th 1876

Mess. Cleghorne & Coughley
Gentlemen,

We are not satisfied with your agency and give you notice that at the expiration of thirty days from this date we shall cease to send you presses at the agents price. We believe we can work that territory much better. The press you order I will hold till further orders from you

Chas. S. Phelps

Feb 16th 1846

Mr. F. Barnard Esqr.

Dear Sir

We hereby appoint you our agent for the sale of Edisons Electrical pen & Duplicating Press in the District of Columbia, as long as you continue to satisfy us in regard to the number of presses sold in that territory you shall keep this appointment. This appointment to commence the eighteenth day of March 1846. We shall protect you (& allow no other person to sell in that territory) as much as lays in our power.

Yours resp.

Chas. Batchelor

Genl Manager

Mr. J. Barnard Esqr.

Dear Sir

I would like to have you give up some of your other territory, whatever you think you cannot do justice to, please send back the contract for, or let me know what you would give upon it Mch. so that I can appoint agents by that time.

Yours

Batchelor

Feb. 18 1876

W Harry Miller Esq
Dear Sir
I can make you up a few small parts & send you but I cannot send any complete pieces except C.O.D. or paid beforehand it is again our rule
Batchelor

W Harry Miller
Feb 18 1876
Phila. Pa

43.

Gilleland Esq
Hudson Felt.
Feb 18 1876
NOON

29 Presses sold this month &
this morn.

Batchelor

P.O. Box
3207

New York 11 Dey St
Feb 18 1896

John Fox Glynn Esq.
Sir

The territory you hold under
ontract for the sale of Edison's Electric
en & Duplicating Press (& wet Ontario prov.
Canada) has not been worked to our satis-
faction & we hereby give you notice that
the expiration of thirty days from this
date your contract is cancelled.

Respy Yours
Chas Batchelor
Genl Manager

Feb 19 1876

C. P. Edison Esq.
Dear Sir

Enclosed is a statement showing you $74.12 in debt to the firm of Berry Roberts & Hayes, Pyle & Berry, & Rigby presses not having yet received any yet. I have written the Express Company & advised them of payment of express bills on the three presses not ~~[illegible]~~ claimed & they sell them, and return us the above sum & square the account.

Chas Batchelor

New York 41 Dey Street
Feb. 19th 1896

C. E. Edison Jr. Bennpharset + Edison
in Ac and Edison C. P. & D. P. Co.

Oct 4	1895	3	Dress Complete		$20.00
	12	1	" "		20.00
	30		Cash C. P. C.		10.00
Nov	12	5	Dresses Complete		100.00
	16	1	Dress Complete		21.00
	18	1	" "		20.00
	20		Cash Dress		1.00
1896 Jan	24	1	Dress replaced		1.00
	31	1	Dress complete		20.00
	Feb 15	12	Dresses 10% 10%		1.62
					214.12

Oct 12	Cash	Nov 12	1895	$30.00		
	Cash (2 M.E.)	" 22		30.00		
Nov	"	Dec 7		30.00		
Dec	"	" 9		30.00	Bal.	214.12
Jan 1896	"	" 9		30.00	Cr.	140.00
				$140.00		$74.12

Feby 21st 1886

Marcus Young Esq
Dear Sir

Your contract for the sale of Edisons Electrical Pen & Duplicating Press have not been worked satisfactorily to us & we hereby notify you that at the expiration of thirty (30) days they will be annulled.

Respy Yours
Chas B Batchelor

Marcus Young Esq
Port Huron
Mich.

Feb. 19th 1876

N. F. Wheeler Esq.

Dear Sir, We have known all along that Gen Stager did not take the pens. You need not supply any at $24 as we shall not be able to let you have any at a less price than $20. I have a press now making which is the same length but 2" wider it is made for Coffee & Spice merchants. I shall have 25 of them in hand in a week from now. A bottle of purple ink will be sent you this week & day. I will enquire into "Trade marks". in regard to letting you have 50 to 100 boxes

I cannot entertain the proposition for a minute, our business is to be carried on 'prepaid' or 'C.O.D.' & no other way will suit us. We could not however, if we would as we have as yet never been able to get enough presses out of the manufactory to supply the demand

Respy Yours

Chas A Stiles

Mr F Wheeler
60 La Salle St
Chicago Ill

Feb 19th 1878

Mssrs Jno T. Phillips & Co
Gentlemen

We have at present an agent in Minnesota but a very unsatisfactory one. Will write you relative to it in a few days

Yours Respt
Chas Bat Shelter

Mssrs Phillips & Co
St Paul
Minn.

Feb 20th 6

Wm H Barnard Esq.
Dear Sir,

I feel sure you can work up Maryland and the District to our satisfaction; can if you will continue the negotiations with parties named I should feel obliged. Our third size press will be 14x9 in the inside of the frame and is the size your lawyers want. Got your telegram tonight for St Gall had no large presses at present so sent ordinary size can change it afterwards. Quit yourself about keeping quiet

Mac Batchelor

Feb 20th 1886

We are making our
sign press 14 x 9
inside the frame & we are
going to commence another size to-
morrow 14 x 9 which is large enough for
Deed Mortgage etc. Shipper porter
Cake & Tooth Knight Lark went this
afternoon Batchelor

R. Gilchrist. Feb 22nd 1896.

Receive much

the 18th. 11 presses sold 2 nice

how's that?

Batchelor

Feb. 24th 1876.

Jno. McPhillips & Co.

Gentlemen

We should be glad if you would act as our agent there & we will supply you with them at (20) twenty dollars each; you to sell at $30. Our business is all done C.O.D so that if you will send us your orders, we will send them C.O.D to the parties, & remit you the Commission, or we will send to you direct C.O.D for $28 or by freight if paid beforehand

Resp. Yours

Chas. Bickelow

Jno. McPhillips & Co
St Paul
Minn.

Jno S Alfred Esq. 80 Camp St. Feb. 25th 1876
New Orleans.

Dear Sir

The pen ate is so easily sold that I have decided to give no more exclusive agencies. We have no agents in the south at present. If you think you can dispose of any of them, can supply you with them at $20.00 each, C.O.D. You to sell at not less than $30

Chicago takes 10 per week
Pittsburg " 3 " "
New York " 10 " "
Boston about 4 " "
Washington about 2 " "
& we send them all over the country

Esther Batchelder

Could not throw these away we designed the new improvement to suit the power. This is what you call condemnin ones repaired for the occasion.

Breakages we are not responsible for during the time they are in the respective company's hands they are at your risk to pack the presses securely & charge nothing for it.

The little of into Exhale pursued free of charge. If as you say it is too thick you can put a little water in stirring all the time

Respy Yours
Ellwood & Co
Chas Satterfield
Gen. Mangr.

Feb 27th 6

Mr. J. Miller. Esqr.
Dear Sir

I am sorry that I can
should have such trouble with the last
pens & that they showed such marked
unmechanical skill in their make. I han-
-dled all those pens and tested them well, passing
them as first class pens. I flatter myself that
I know whether a pen shows marked un-
mechanical skill in make, or writes well
much better than most people and I say
they were not condemned pens repaired
for the occasion as you designate them
The marked unmechanical skill
you speak of, I suppose, was, that the pens
were not of the very newest pattern when
we invented the quill on the top of needle
when we had a man make a few from an
old wooden pattern (& probably you got one
of them the time before) at that
time we had seven men working on
about 120 nearly finished, a

[illegible]

[illegible]

[illegible]

27 Elmore Square
Port Glasgow

Mr J. Wheeler Esq

Dear Sir

Your orders of 24th [illegible]
[illegible] received, I send weight the order of
[illegible] which will be delivered [illegible]
[illegible] due you on Mr Donald's [illegible]
[illegible] all screws will be found [illegible]
[illegible] I send some screws of all kinds
[illegible] you will have a person hand.
I understand now that when you order
they must be sent by freight & not by
[illegible] except otherwise specially
[illegible] I shall always give you [illegible]
[illegible] in future I have given orders
[illegible] & the readiness & promptness to
[illegible] at all times so that in one hour after
[illegible] let me know I can have them on
their way.
The information you have given
Mr Eliott Esq [illegible] to Eliott

there is no doubt about it but they are such a long way behind in these matters at the patent office that we do not expect it for about 1 month. It has however been secured by numerous caveats.

We are not ready to deliver any other size of press at present but will be able to send you one of the 8½ x 9 inside frame in about a week. I shall also send you a sample roller to test & see what you think of it. Mr Dayton who says he is a partner of yours in another business was here & wants an agency what do you think of him?

As you will have received our circular about the price, after receiving this letter we shall furnish at (25) twenty five to you you must raise your price accordingly

Yours
[illegible] Gladden
per [illegible]

March 9 1846

W. F. Wheeler Esq.

Dear Sir

I am sorry you
[illegible] so unfortunate in your
freight. I shall make a rigid
examination of the packing
[illegible] & in your next box will
[illegible] you 2 glass cells and
carbon plate. In regard to
[illegible] pens we are making
[illegible] in shape with greater
[illegible] for that purpose but for
[illegible] I will send
[illegible] patterns will send you
further particulars in this point

Bart Shelor.

27 Manning Square

Oct 1 1876

Mr H Barnard Esq

Dear Sir

My father wishes me to inform you that upon your return to Boston he will be glad to see you & he has drawing on you for $5 payable at sight & have his name on it. I will see to the other orders you mention & Baltimore & Cincinnati. Draw on you for $15 & notify the range on Friday & shall have further to say about it with Mr Brown. Until such time the things remain as they are. I hope an order for another piano post card.

Cannot give him a large one until
next week. I shall have 3
large presses on Thursday ready
let you know what shall I do with
them?

[illegible]

[illegible]

April 13 1896

J. B. Hughes Esq
[illegible]

You are going to Lott some time this so can easily get out morning & get back in time for train. It would be advisable for you to get the [illegible] house if it is reasonable, acquainted with it that there nothing to obtain. We are doing very fair. Perhaps have her [illegible] sooner. Still can give you a few days on Greenbrier if you want to make some purchase. I will give it considerable attention.

Yours
[illegible] Patterson

29 Union Square

[illegible] 11 1875

Benson C. Adler Esq.
Dear Sir

We cannot [illegible]
[illegible] in Illinois as Mr.
Howes has the exclusive right
in that state & he did not
like selling such a number
of machines that we would not
allow of opposition to him, he
wishes us compensation.
We can give you exclusive
Washington Territory & West Ind
not so much as you asked
We can give you Louisiana
or California, British Columbia
& the 2 adjacent Territories
or Tennessee or Kentucky
Reply [illegible] 1875 Yours

27 Union Square
New York.
Mch 22. 1876

Dear Sir

Sent by express one
pen & needles. I also sent from
shop 1 pen & Philadelphia on the 25th
have drawn on you for $4.80.
I am packing you a box of supplies
will send it by freight Saturday from
shop next week. Sent you statement of
Baltimore business. Yours truly,
Chas Butler.

[illegible] Rd
[illegible] Esq
Fire Brasher Md.

27 Union Square
New York
Oct. 22 1876

Bernard Bigelow Esq.
Dear Sir,

Your letter detailing terms received. In reply would say we had never heard that you had been asked to take hold of this land as you say you purchased from Mr. Lewis Sheaver Indiana Tuesday. I will say that Mr. Jas Young's contract was annulled by me by letter on 3rd 21st of this year as I set he said you a contract that he say said lee the thirty days notice was up. You say the price is very high, we dog k differ with you, but other people as far East as Boston say the price is low. I am sure the best would not give the I have not received the contract yet when I do I shall lay them in

[illegible]

[illegible] Edison Pittsburgh Wed

[illegible]

[illegible]

P.O.B. 2207
New York.

Mar 26th 6
506 9th
Washington D.C.

Mr. H. Barnard & Co.
Dear Sir,

I think the trouble with Barney's Pen is only that it was ordered from the shop and consequently has not had the through adjustment the others had. In regard to selling in Philadelphia, we think we can sell as many as you can have. I will give you the commission, the agent there has so much business to attend to this spring for he is always going to sell but never has sold any. I drew on you on the 29th in Barney's & the (3) three sent to Waddell & in all $80. We have always been backward in appointing an agent for Phil. & because of the expense. Sell as many as you can & I will notify you if we appoint a general agent for there

Yours respectfully,

[illegible]

Is our Phil. [illegible]
N.H. Keller N.Y. P.O.B. 2207 Phil.

Box. 9204. 27 Union Square New York

John. D. McFarland Esq.
Dear Sir.

We do not give any more exclusive territory, but will allow you to sell anywhere west of Missouri and will supply you with machines at the regular agents price (25) twenty five dollars (foolscap size) in lots of not less than (3) three machines. Our business is done entirely by C.O.D. or we send by Freight (paid) on receipt of money order or draft.

Resp'y Yours
Classon Pen & Press Co
Per Batchelor

John D McFarland
Titusville
Penn'a.

21 Park Row
New York.

Oct 26th 6

Mr J Wheeler Esq.
142 La Salle St Chicago Ill

Dear Sir

Sorry you are so unfortunate with your cups but as you always have yours in lots of 6 I can pack them so that you will have nothing broken if you so desire it, but the pans would be so mixed that you would have to unpack the whole lot before you could get a complete outfit however if that is no matter I can pack them so that the boys & colours break them.

will return your pan in first lot.

have not appointed any agents yet & yet do not intend to if you order I will send will notify you if I appoint any agents

Yours truly
[illegible]

more tomorrow pray remarks & Pink as of the writ. & chop [illegible]
[illegible] N. M. [illegible]

Copie No. 6

Wm. H. Barnard, Esqr.

Dear Sir

The price of the coolman (potosi) size extra is ten dollars per off. I can give you the price of the next larger size which is sixteen dollars per off to you.

I have not got any 14x9 at present made but I think it would be advisable to make them of wood as then they would come nearer a uniform price. I have having 2 large ones to order 16x20 made as an experiment but will let you know when I get them how they work.

Yours, respy
Edison Elec. Light Co
per Batchelor.

Electrical Rep Co Press Co
27 Union Square
New York
April 10th 1886.

Thos Edison Esqr
Dear Sir,
Mr Edison does not feel inclined to have me know your contracts, consequently I can not alter them or return them
Yours respy
Chas Batchelor

Thos Edison
Son Thos
Eng

Edison Electrical Pen Co
Duplicating Press
27 Union Square
New York.
Oct 10th 1881.

Richmond Smith Esq.
Dear Sir

We have been moving our shops to Menlo Park from Newark & consequently have not been able to keep a supply of pens. We shall not have any for about a week. Then if it is satisfactory Mr Edison will send you some as proposed.

Yours Truly
E. A. P. E. Co.
per Valentine

Richmond Smith Esq.
N. E. Tel Co.
Boston, Mass.

Colton Dental Press Co
9 Union Square
New York.
Oct 16 2 1876

Robert Watson Esq:
Dear Sir

Your letter received
We will ship as soon as possible the
[illegible] Dec presses ordered for Oct. We have
been receiving no [illegible] Paid [illegible]
consequently have been short of presses
to supply orders

Yours &c
C & P Dental Press Co
per [illegible]

Robert Watson
295 St James St
Montreal
Can.

Edison's Electrical Pen & Duplicating
Press 74 Union Square
New York
Oct 10 1876

F. B. A. David Esq.
Dear Sir

Yours C.O.D. $30 received & your account credited with Commission
Ethrain for press & Sutton & Co at $30 O.K.
will be sent early this week. We have
unfortunately run clean out whilst
Koring & have not one in the store.

Yours.
E.P. & D.P. Co.
per B.

F. B. A. David Esq.
Pittsburg Pa.

Apl 11th 6

W. H. Barnard Esqr.

Dear Sir,

Received yours requiring explanation. Was busy at shops and they reported to me "Goods sent to D.N.C. & Co" as some of their orders are sent to Gilliland and Co and yours to me I supposed they had received an order and I drew on you I find that it was goods to replace broken parts in some presses sent to Needles. Will credit your account with the £50 you paid Please have all orders come to 27 Union Square New York in future. I paid your draft on me Apl 10th 1876 & do not see how it could come back to you

Yours etc
C&P and D&Co
per Batchelor

P.S. Have not been able to send your [illegible] to Mr and Tenn. [illegible] for want of pens [illegible] will send this [illegible] B

Menlo Park N.J.
Sept 13th 1876.

E. E. Wright & Co. Springfield Vt

Dear Sir.

Your letter to Edison turned over to me. In reply would state that as we are forming a company for the better introduction of the phonograph as it is to be consummated in two months, I can only give you the agency for that time if you are successful I can renew it to you & settle satisfactorily towards. Will send you an electrotype and description in a few days. Our prices to agents is 50 per cent less than list price and cash.

Hoping to hear
Chas Batchelor

Apl. 12th 1876
97 Union Square

W. F. Wheeler. Chicago. Ill.

Dear Sir,

Six (6) Boxes containing five complete presses without pens were shipped to you by "Red line" Apl 10th. Pens will follow —

Yours
E. & T. Red & D. P. Co
Per Bothelo

New York P.O. Box
2207

Apl 19 1906

T. B. A. David Esq.
Gen'l

Order (Schroeder)
received. Letter & Rec. 2 cents
day.

Yours Baldwin

T. B. A. David
Pittsburg Pa

New York
P.O. Box
3207

Menlo Park N.J.
Apl 19th 1896

Wm H. Barnard
Washington D.C.

Dear Sir

I will send a
Large piece & needles in ex-
change changing nothing.
Your orders for 2 & Hudson
Pis were sent 18th Cedar
$30 each. Your order for 1
& Postmaster Columbia Tenn.
shipped to day without charge
as it is due you for commis-
sion on the his & Pis.
Please address all my letters &
P.O.B. 3207, as if you will
number your orders I think it
would facilitate matters

Yours Elias Bateman

P O Box
New York
2204.

Menlo Park. N. J.
Apl 20th 1876

T. W. Peckham
102 Fulton St New York.
Dear Sir

We cannot give any more commission on the Pens. Your plan of putting out on trial I have tried and firmly believe in but the [illegible] and [illegible] expense, and [illegible] I cannot think of putting out on trial until I can get more pens from the manufactory to fill, supply the demand [illegible]

Yours
[illegible] Pitchello.
Mgr.

New York
& O.S. R.R.
322 Y.

Union Pass. N.J.
Apl 20. 1896

John McPhillips Esq
Albany New York

Gentlemen,

We do not think you paid too much for the press as you see by our present expenses we are charging 25 cents. We shall not have a large job a press for another week, but can pack you one then for $1 that is $5 less than list price. The 25 & presses are all made by hand. We have no tools for machinery. Firm same as the last yr —

Respy Yours
Charles Chester
Mangr.

New York
P.O. Box
3207.

Menlo Park N.J.
Oct 24th 1878

H. A. Reed Esq.
Dear Sir

Poughkeepsie N.Y.

We have arrangements in Cincinnati and St Louis in regard to Philadelphia we have no agent there as we have wished to reserve the California to ourselves. San Francisco, any part of the Eastern States with the exception of Maine, nearly all south and South East we open as also South west. If you think you would like to work up some other territory should be glad to hear from you again. Would you give us a copy of Prof Gardner's letter and would he permit us to put it in our circular.

Yours very
Chas Batchelor
Manager

P.S. Please address all my letters to P.O. Box 3207 New York C.P.

New York
P O Box
3207

Rock Point, Pa.
Oct 20 1899

W. Harry Miller
Box 1899 Philadelphia Pa

Dear Sir

I Duncan Lowe notify you that you have lost your pen, have you shipped it yet as I intended on receipt of it to send them a new one but as yet have seen nothing of it

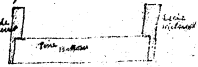
Yours
Chas Batchelor

Orange Press N.J.
Apr 21 1896.

Jacob Hey
Newark N.J.

Dear Sir

Bill received. The box does not need to be dovetailed and the bottom can be pine clear of knots and put on in this way if possible so that the edges of the pine will not show outside



It ought to have a little polish to take the eye. We cannot afford to pay more than 70¢ for a box, but you make me see that you could manufacture at 70 per box and let me see how it looks? notify me when ready

Yours
Chas Barchelor
Mfrs.

New York
P O Box
3204

Menlo Park N J
Apl 21 1878

Chas Edison
Port Huron Mich.

Dear Sir,

I have consulted with Edison about your contracts and we have come to the conclusion to give no more contracts. The best thing you can do is to go ahead and sell as many as you can and as long as you keep selling a moderate amount we shall see that you are unmolested by others interfering with you.

Yours
Chas Batchelor
Manager

New York
P O Box
3207.

Menlo Park N.J.
Apl 20th 1876

C. C. Hoffer. Baltimore Md.

Dear Sir.

We have not a Pile agent we have always held that in reserve for the centennial, though parties have asked there. We generally have a box made to hold battery & pen. We send small copy to show the pens &c; & carry the bottle & exhibit. We have no agent in Canada Southern, ~~Southern~~ Southeast, Southwest & New England States except Boston although of course we have sold pens in all places. California & Land would be very good territory.

Yours
Chas Batchelor
Manager.

Glen Park N.J.
Apl 21st 1886

Chas Vanbergen Esq
Dear Sir

The price I named to you of $20 each for complete outfits of Edisons electrical pens I can only keep open till the 25th of this month after which I cannot supply you with them at that rate $25 each will be our lowest possible terms after that date.

Yours
Chas Batchelor

N.B. I sent you pen in by boy.

Morris Park N.J.
Apl 28 1916.

Chas C. Moore
Dear Sir.

in German St Nr Calvert
Baltimore Md.

We do not [illegible] any more [illegible] territory but if you should [illegible] Scott Finlaison and would feel [illegible] to say yes we should avoid giving them & say one [illegible] in the same [illegible]. Think there is a great deal of money in it in S.F. I think he [illegible] cost you [illegible] it is easier to get people to take hold of it. We should give them 4 [illegible] at no less than our regular rate [illegible]. If you really think of going [illegible] I can show you a way of making more of this but I must [illegible] to make this your business & [illegible] adjust [illegible] to it. We are [illegible] week in Chicago & then [illegible] be [illegible] week [illegible] Dear Sir of [illegible] only [illegible] [illegible] less [illegible]

Mr Grant
Pittsburg
320 4

Mr Grant
Agt Pat Office

F B A David Esq
Pittsburgh Pa

Dear Sir,

Yes the agent says he has not sent any to Pittsburgh. He has sent some out of his city. He has sent some to the Pittsburgh & Pa offices in Jersey City. It may be possible that they have sent it here. Have written Office at Chicago to if he sent them here. If I can find out it's sent here I shall certainly write them & urge upon the Commission before they can have power.

Hunt Yours for all your orders by the way.

Yours.
[illegible]

38

Rec'd Ans
Polsox
3207

Menlo Park C. N.J.
Apl 21st 1876

Mr. J. Fraser. Chicago. Ill.

Dear Sir

Your letter received of 20th. I shall ship on 25th by U S express

5 Presses Complete
1 Extra press & frame
1 Extra frame.
2 Extra glass pens (to replace broken)
1 Extra pen
5 Extra wires
5 Extra shafts
10 pair lines (new pattern)

order of Apl. 12th

I will try and send your order of 25th 5 presses by red line & pens by U S Ex for the 20th

Hope to be able to keep you going after this. If any of our agents write to know what you pay let it be understood that you pay $25

Yours Edwd Batchelor
Manager

Rec'd Apr 24 1873

Henlo Paul
Apl 24 1873

John McNiff & Co.
St Paul Minn.

Gentlemen
Order for Wages 13 & 8
received. It will be sent on the 29th
of this month

Yours
Chas Barnes
Mang.

Menlo Park N.J.

L M Bennet
Printer Courtlandt St
New York

Dear Sir

Will you please send that matter to me at Menlo Park as soon as you have it set up. I shall be at 41 Dey St every day after Monday of this week. I will give you some money just as soon as I can get some m

Yours Respy

Apl 29 1876 Chas Batchelor

ae

Memphis Tenn
Apl 29 1896

W. H. Barnard
Dear Sir

I am getting out a new book now and will send you some with your name on back. we have got all our matter with the exception of a few more names and testimonials. Have shipped card to Columbia Tenn. Please address letters to me to my P O Box 3207. Received your order of one to yourself. Has not Yeaton drawn for it. I dont know any thing about a pen sent to Memphis but will see Gilliland about it and have it forwarded. Send you price list wednesday

Yours etc
Chas Batchelor

Rec'd 7/10/76
J. B. Box
3207.

Menlo Park N.J.
May 9th 1876

Chas. L. True Esqr
Dear Sir

We hereby appoint you our sole agent in the city of Philadelphia Pa for the sale of Edison's Electrical Pen & Duplicating press & as long as you continue to sell a sufficient number of "complete outfits" we shall protect you as much as lays in our power from intrusion. In regard to the Exhibition we shall turn over to you all orders for the city of Philadelphia, as you will have to do the work; & we trust to your honor not to ship any presses out of the city. Enclosed find price list & discount to agents.

Respy Yours
Edison's Electrical Pen & Duplicating Press Co
Chas Batchelor
Manager.

C. L. True
38 & 40 Park Row New York

New York
P.O.B. 3204

Menlo Park N.J.
May 9th 1876

H. A. Reed
Poughkeepsie N.Y.

Dear Sir

Enclosed find check for (8) eight dollars commission on Webb's press. After this you will receive full commission on all one I have decided to give Buffalo the priority to the man who has now agency and will have the rest of the State. As soon as I can get out from Drake just how matters stand in Buffalo then we can get to work. I will send you official [illegible]. Drake has written Williams & Rogers of Rochester that [illegible] is cancelled.

Yours Batchelor
Manager

Menlo Park N.J.

[illegible] 1878

[illegible] Esqr.

[illegible]

[illegible] read, I saw the article in the Mechanics [illegible]
[illegible] pneumatic [illegible] you do not often see [illegible]
[illegible] than this. I do not know what [illegible]
[illegible] the parties could be alone [illegible]
[illegible] will find in the patent the only [illegible]
[illegible] within a circular [illegible]
[illegible] found in the Courts [illegible]
[illegible] air-forcing is [illegible]
[illegible] movement of the [illegible] patents. It [illegible]
[illegible] is that drives the machine of the patent [illegible]
[illegible] these people have a peculiar machine for [illegible]
[illegible] that does not give them [illegible]
[illegible] increase [illegible]

[illegible] brande [illegible] increasing rapidly, caused it [illegible]
[illegible] fascinating [illegible]
[illegible] Hilton [illegible]
[illegible]

Menlo Park N.J.
Oct 26 1876.

Frederick Ireland Esq.

Dear Sir.

Yours of Oct 9 rec'd. I saw the article in the Mechanics Magazine describing the pneumatic pen, you do not often see a clearer case of infringement than that, I do not know what your laws are in England but in this country the parties could be stopped immediately. You will find in the patent the very same thing. a turbine or leaf'd wheel within a circular box, propelled by water falling from a high to a low level. now our Courts would rule that substituting air for water is no invention, as it does not involve the exercise of the inventive faculties, It dont matter what the power is that drives the machine of the patent for the machine

If those people have a peculiar machine for selling air pens applicable to the pen that does not give them any rights to our pen,

I. here is increasing rapidly caused. 1st by a revived business & 2nd by our establishing agencies, Some of the stationery houses keep it on sale, notably Tilton & Co who last week, They also sell our pen batteries for other

purposes. I have [illegible]
your opticians & Philosophical Apparatus houses; they are peculiarly adapted for Medical coils, etc. in fact it is the only "Portable" battery yet devised =

We have an embroidering pen for perforating lace work designs on paper through the holes of which colored dust is [illegible] its nothing more than a very large peculiar shaped needle, shall we send you one; We are going to roughen the ends of the needles, and if satisfactory will hereafter make them rough = The pattern for the large press 11 X 9 is now ready [illegible] we send you one as sample, " Batchelor promises to attend to the points you speak of = What are the improvements on the press, I have measured but I fear to make changes as you never can tell how it will turn out. besides it cost considerable to get up special tools = I will have assignments of Patents for France & Belgium sent to Sewells agent in London immediately, will give you address as soon as I get it. Telegraph = Had a test last week over line to Phila. it worked fairly. am waiting now for a set of more delicate "relays" [illegible] one of your PO Engineers has left

for this [illegible] to improve our telegraph. I shall get [illegible] Morse's [illegible] off him up with Telgr and will [illegible] get a good impression for the new machine. [illegible] Wm Thomson was here at [illegible] and a very interesting time. You see he [illegible] my Article on Telgr. before the B.A.

* Note. [illegible] a Quarto [illegible], the latter [illegible] notices to the [illegible] with [illegible] We are printing a 300 page book [illegible] (Johnson's sys) being the Lectures of Prof Tyndall [illegible] The Stevens Institute of Technology = here last year each [illegible] student had to make his own copy. They clubbed together and paid $5 each which gives us $5 [illegible] stenciling and $1 for each impression = Besides [illegible] great's name insures them =

We obtained a medal at the Centennial, but have not yet [illegible] the judges report =

Yours
T. A. Edison

Menlo Park N.J.
24/10/1887

C. J. Gilliland Esq
Dear Sir,

Mr Edison has requested me to ask you if you purpose signing these papers for himself and the other Company. He also notifies me that I am not authorized to pay any of the bills of Gilliland & Co. You must not do so without authorization as that it is unnecessary for you to send for Mr Samuel & Samuels & Sullivan & say, as I shall have to tell them that I know nothing about it, and have no authority to pay them.

Respectfully yours
Chas Batchelor

Glens Falls, N.Y.
Jan 29th 1874

The Singer Sewing Co.
82 Broadway N.Y.

Gentlemen

[illegible] the office I let you [illegible]
[illegible] order No 6 for [illegible]
you and have supplied you with
dozen more than your orders.
No 6 was filled
Jan 26 [illegible] dozen
[illegible] dozen
[illegible] dozen in boxes and [illegible]
[illegible]
[illegible]
26 [illegible]
for which [illegible] have [illegible]

Yours
[illegible] Batchelor

Lexington January 1817

Mess J. & E. Cady & Co

Sir

Your Order has this day been filled and goods will be sent immediately hoping you will continue to favor us in future Orders Yours Respt

M K & A B Thurber & Co

Menlo Park N.J. July 29th

A. O. McGill Dear Sir

Your favor of the 27th at hand
Contents noted, I shall visit
you next monday in Menlo Park
or New York any time you may
State

Yours Truly James B. Sire

To be or not to be that
the question whether tis nobler in the
mind to suffer the slings and arrow-
of an outrageid fortune or take up an
against a sea of troubles, to die
to sleep perchance to dream And in
the sleep what dreams may come

Menlo Park Jan 29th 1877

Toney Brunk Esq
This is a specimen of copying done with Edison's duplicating pen
Yours Resp
Chas Edison

Menlo Park March 4th

John [illegible] Esq Ex Commission[er]

Dear Sir

The Atlantic & Pacific Telegraph Co propose to build a line from Port Huron to Detroit providing the citizens of P. H. will subscribe some money toward building it which can be taken out in Telegraphy at the low rates of that Co I should not think there would be any difficulty in raising it in that way as it would be a great benefit to them if you think it is advisable I would like to have you speak about it in the commercial way it is a thing that has been long needed and probably [illegible] let this chance slip it will a long while before they have another [illegible]

[illegible] while reading note which you will find nothing of it I do whatever with Mr Edison [illegible] I made a poorer mistake for the last words that [illegible] spoke in the Labor long before the [illegible] was that this [illegible] should be brought up and locked in his desk and being under the impression that he knew his business better than any one else I was going to act on such orders but as Mr Tillotson is capable of keeping it I am quite willing that he should remain

Menlo Park March 4th 77

John Talbot Esq Ed. Commercial

Dear Sir

The Atlantic & Pacific Telegraph Co propose to build a line from Port Huron to Detroit providing the citizens of P.H. will subscribe some money toward building it which can be taken out in Telegraphy at the low rates of that Co. I should not think there would be any difficulty in raising it in that way as it would be a great benefit to them if you think it is advisable I would like to have you speak about it in the commercial as it is a thing that has been long needed and probably if they let this chance slip it will a long while before they have another.

Respy T. A. Edison

— 27 —

Joseph Schofield & Co
Manchester.

Yours of 29 July received & contents duly noted. The goods ordered herein have been shipped this day. Enclosed please find bills of lading, also ninty days draft for amount of bill enclosed which please accept & return to us

Respectfully yours
Roger Birdsall & Co

This ink runs well & and does not clog at all it is perfectly free. It leaves no dirty sediment.
Chas S Bartholdi

Our father which art in heaven
hallowed be thy name thy
kingdom come thy will be done
on Earth as it is done in heaven
give us this day our daily bread
forgive us our trespasses as we
forgive those who trespass against
us deliver us from all Evil
for thine is the Kingdom the
power & glory forever & Ever
AMEN

15

Flows freely
Beautifully

Death & Splendid

No 13

Our father who art in
heaven hallowed be thy
name thy kingdom come
thy will be done on
Earth as it is done in heaven
give us this day our daily
bread & forgive us our trespasses
as we forgive those who
trespass against us deliver
us from all evil for thine
is the kingdom the power
and glory forever & ever
AMEN

38

38 Thous beautiful

Be still all our
good -

Our father who art in
heaven hallowed be thy name
thy kingdom come thy will
be done on Earth as it is done
in heaven - Give us this day
our daily bread and forgive
us our trespasses as we forgive
those who trespass against
us Deliver us from all evil
for thine is the kingdom the
power & glory forever & ever
AMEN

No 16. Flouis Beautifull
Extra do.

Beetle wing fairly all over

16.

102

Our Father which art in heaven
hallowed be thy name thy king
dom come thy will be done on
Earth as it is done in heaven
give us this day our daily
bread forgive us our trespasses
as we forgive those who trespass
against us deliver us from
all evil for thine is the
power & glory forever & ever
AMEN

Thomas Butterfield.

No 12

12

Recite using ourmouth

Bettie wing

Our father who art in heaven hallowed
be thy name thy kingdom come thy will
be done on earth as it is done in heaven
give us this day our daily bread forgive
us our trespasses as we forgive those
who trespass against us deliver us from
all evil for thine is the kingdom the
power and glory forever and forever
Amen Flows beautifully
Now the winter afore discomfort
made glorious Summer by this son
of York and all the clouds that
loomed upon our house are now
deep buried in the ocean bed

No 30

30.

(24)

He that steals my purse steals trash twas mine tis his and has been slave to thousands but he that filches from me my good name takes that which God enriches him and makes me poor indeed

Oh what a perverse fool was he of Crete who taught his son the office of a fool yet for all his son was killed

Batchelor

Sir nunc good but a little greasy looking (no bettering)

Our father who art in heaven
hallowed be thy name thy kingdom
come thy will be done on earth as
it is done in heaven = give us this
day our daily bread forgive us our
trespasses as we forgive those who
trespass against us deliver us
from all evil for thine is the
kingdom the power & glory forever
Amen

No. 8. Flowers Bashful,

Be the perfect

8

Our father who art in heaven
hallowed be thy name thy
Kingdom Come thy will be
done on Earth as it is done
in heaven give us this
day our daily bread forgive
us our trespasses as we
forgive those who trespass
against us deliver us from
all Evil for thine is the
Kingdom the power & glory
forever & Ever Amen

No. 21

21 Flowers Beautiful

Betts wing not to my shady
or Even —

Our father who art in heaven hallowed be thy name thy kingdom come thy will be done on earth as it is done in heaven = give us this day our daily bread forgive us our trespasses as we forgive those who trespass against us deliver us from all evil for thine is the kingdom the power & glory forever and ever amen

Flowers beautifully
Has the beetle wing reflection.
generally Except in
Exceedingly delight marks
NO 31.

31

Our father who art in heaven
Hallowed be thy name thy Kingdom
Come thy will be done on earth as
it is done in heaven = give us this
day our daily bread forgive us
our trespasses as we forgive those
who trespass against us deliver
us from all evil for thine is the
Kingdom the power & glory forever
& Ever Amen

No 10 Flowers Butterfly

10 Beetle wing
perfect =

(13)

To the Editor of The Jerkwater

A curious incident occurred this day in Oshkosh Wis

A beautiful young damsel of 420 summers was listening enraptured to the loveliest persuasions of a young man in the agony of suspense respecting his future prospects when a large animal of the breed Bovinus as Cumsecum - gomination pounced upon the pair. The man extracted or extricated himself & ran leaving his fair young partner to report if she ever recovered that the Jerkwater well, is good & runs well.

Patchen.

Now is the winter of our
discontent made glorious
summer by this sun
of york

LAS

(40)

We will dwell in a beautiful
Valley Pauline, surrounded
from the rude gaze of the
world by Alpine hills

He that outlives this day
and sees old age shall
stand on tiptoe when the
my day is named —

Would he upbraid I
will enchant thine ear

Ink good flows well
Rectte only
P. Batchelor

Now is the winter of
our discontent made
glorious summer by
this son of york.—

Our Father

Our father who art in heaven
hallowed be thy name thy
Kingdom Come thy will be
done on Earth as it is done
in heaven — Give us this
day our daily bread
& forgive us our trespasses as
we forgive those who trespass
against us for thine is the
kingdom the power & glory
forever & Even AMEN

No 9. Flower Butterfly

9

Beetle wing perfect.

(5)

Jonas Brooks Bro

Gentlemen

Will you be kind to inform us if you can become responsible for the actions of your man here as he has been going off on ear onto the other

What is the use of repining for where there is a will there is a way Tomorrow the sun may be shining although it is cloudy today

Edison Edison Edison Edison
E. E Edison Edison

Ink good pens he seems a great deal thicker than others I have used

Bachelor

311

(42)

By the American Novelty Co is meant a company formed in which all the incorporators & projectors will realize large amounts of money this will be such a novel thing & withal so ludicrous to imagine that we call it the American Novelty Co. May she answer our most sanguine expectations.

Hurrah, Billy boy, she'll do it, is Chock full of it!!!

Ink your a little thick Beetle very
drop a little Batchelor

Our father who art in heaven
hallowed be thy name thy kingdom
come thy will be done on earth
as it is done in heaven give us
this day our daily bread and
forgive us our trespasses as we
forgive those who trespass
against us deliver us from all
evil for thine is the kingdom
the power and the glory for
ever and ever Amen

Hymns beautifully dont drag
the pew. Gives the Death wing
reflection. No 29.

29.

Now is the winter of our discontent
made glorious summer by this son
of york and all the clouds that
lowered upon our house are in the
deep bosom of the ocean buried
now is our grim visaged war has smoothed
his wrinkled front. but now instead
of mounting barbed steeds to
fright the souls of fearful
adversaries he capers nimbly

Letterbook, LB-003

This letterbook, covering the years 1876-1878, deals primarily with the electric pen, the phonograph, the telephone, and the electric light. About 3% of the material is in Edison's hand.

The letterbook is divided into two parts. Pages 1-203 cover the period September 1876-June 1877. Correspondence is primarily in the hand of Charles Batchelor, general manager of the Edison Electrical Pen and Duplicating Press Company and foreign agent of the Edison Foreign Pen Company. There are also a few letters by Ezra T. Gilliland, superintendent of the foreign company. The correspondence deals chiefly with domestic and foreign sales and service. Non-correspondence includes a few bills and receipts, orders, and shipping lists, which pertain to business operations of the two companies.

Pages 204-500 cover the period April-November 1878. Correspondence is primarily in the hand of Batchelor, William Carman, and Stockton L. Griffin, acting as Edison's secretaries, and relates to the manufacture and international marketing of the telephone and phonograph; the construction and supplying of the Menlo Park laboratory; the formation of the Edison Electric Light Company; and the initial development, patenting, and promotion of an electric lighting system. Non-correspondence includes bills, receipts, and orders for lumber, hardware, chemicals, and machinery.

The volume also contains two sets of glued-in pages, one preceding the index and the other following page 499. The first contains Edison Foreign Pen Company correspondence, orders, and shipping lists in Batchelor's hand. The second relates to the telephone and to the Menlo Park laboratory facilities and contains correspondence and orders in the hand of Carman and Griffin. The volume is completely indexed.

The book contains 504 numbered pages. Approximately 30 pages are missing. Seventeen pages which are blank or which duplicate other pages in the letterbook have not been filmed.

Thomas A. Edison & Co June 30th 6

Gentlemen Brium.

Enclosed find enclosed specimens of writing & printing on Edisons Delineating press.

We should like to establish a general agent for Austria & Hungary & could sell the instruments at a low figure to one who would interest themselves sufficiently to benefit us. To such we would furnish presses at $16 sixteen dollars delivered on board steamer in New York, to be paid for on presentation of shipping bills to any house or bank you may designate in New York

Resp. Yours
Chas Bastecker
Mang.

[1]

July 25th 6

Wm A Brecken Esq
Dear Sir
We this date to
day per steamship "Victoria"
Edward mc Sutter by our
order 1 Box containing 5
complete Electrical pens
pleasure. The other fifteen will
follow shortly
Yours Very
Edison Electrical Mat Pen Co
A Batchelor

A Brecken Esq
Yrs St
Sunderland Eng.

July 21st

Mr. Jas. Slater Esq. & Bishop
Queensland

Dear Sir

We send you
[illegible] of our Electrical
[illegible] also a few samples.
We are selling a great num-
ber in the States and no doubt
there could be many sold
in Australia. We sell here
for $35 which is about £8. 6
If you would like to take the
agency for Queensland we
give you a pretty low figure

Yours
Chas. Butcher
Manager

Aug 1st

Geo Robertson Esq
Sydney N.S.Wales

Dear Sir

We send you pamphlet of our Electrical pen also a few samples. We are selling a great many in the States and we think there could be a great many sold in N.S.Wales. We sell for $35 which is about £6.8.6 If you would like to take the agency would be glad to correspond with you to that end

Edward Batchelor
Gen. Manager

Omaha 2

[illegible]

Dear Sir

[illegible] shipped
[illegible] complete in
[illegible] six [illegible] Bluemus
Marma (Cumin) [illegible] shipped
[illegible] (20) twenty to day to
[illegible] City of Mobile
Lumsden. These [illegible] are
packed in much better
style owing to there being
20 instead of 5 [illegible]
Saturday we shall ship
(20) twenty more.

Respectfully yours
Geo. Stocker
Manager.

(5)

Aug 16 6

Cunard Line (P.O.) Russia

New York

John R. Brodie Esq

Dear Sir

We shipped this day on board the Scythia Cunard Line 12 of Twenty Crate Bens and Presses enclosed please find bill of lading & bill

Yours Truly

[illegible]

Manager.

Aug 29th 1896

J R Brechon Esq
Care Sunderland
Eng

Enclosed find shipping bills for (20) twenty complete pens & presses shipped to you per Cunard steamer Algeria this day. Shall be glad to receive a letter from you in regard to how they have arrived so far.

Respectfully yours
Chas B Stone
Manager

Aug 29 1876

James D Batchelor Esq
Manchester Eng

Dear Father

Will you be kind enough to find out for me the credit and standing of John R Brecon of John St Sunderland England as I am shipping him for work of goods every week on 90 days time & I want to make myself perfectly sure.

Yours affectionate Son

Charley

Aug 21st 1876

Frederick Ireland Esq
9 Broad St London E.C.

Dear Sir,

Have just got your address from Edison & will send prices of parts by mail tomorrow. Enclosed find statement of bills sent direct to John R Brecton John St Sunderland Eng

Reply Yours

Chas Batchelor

E03

Sept 12th 1876.

Carl Hofman Esq.

Dear Sir.

Our pens will
cost $35. If you should take the
agency for Russia I could supply
you at the following prices, for an
order of (10) $25 dollars each
(20) twenty $20 " "
50 or more $18 " "
These prices are for cash on
delivery of goods in New York
City. We can send you one
at the regular price and deduct
the extra amount off the next
order

Respectfully Yours
Chas Batchelor
for Edison

Carl Hofman Esq
Berlin Prussia

Sep 5 1876

Frederic Zulaud Esq
9 New Broad St
London E.

Dear Sir

Enclosed find bill & shipping receipt for (20) twenty complete prises shipped by Cunard Steamer "Bothnia" sailing tomorrow

Resp yours
Chas Batchelor
Manr

Sep 11th 6

John A Beckon Esq
7 New Broad St
London

Dear Sir

We ship you to day per steamship Abyssinia 20 complete sets of pews & presses Enclosed find bill of lading & invoice

Yours resp
Chas Batchelor
Manager.

[143]

Arkell Duffs Ho 67,

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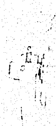
[illegible]

[illegible] Esq.

[illegible] Woodstock

Dear Sir [illegible] Gentlemen

[illegible] received [illegible]
your order. In our next consign-
ment we shall send you an
extra frame complete with all
[illegible] springs and
[illegible] Have made
[illegible] improvement in the letter
[illegible] caused some trouble
[illegible] this way, the
pin B has a small
part A turned in it

it [illegible] in
[illegible] the small
one C holds the pin

Recd Reply

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

I can give you [illegible]

[illegible] for Cuba [illegible]

[illegible] for it [illegible]

the West Indies as [illegible]

of the other Islands [illegible]

[illegible]

[illegible] $10 - [illegible] each

" " [illegible] each

" " [illegible]

Payable [illegible] of shipping

[illegible] house named by
you in New York
[illegible]
[illegible] great time moment
[illegible] you [illegible] in this
[illegible] how
[illegible]
[illegible]
[illegible]

[illegible] hear from you soon

Sept 22 6

Mr Hartley

[illegible] business
me tell me to go abroad &
when we have got some
money we will write to
cable party in England &
see if they have sold it
if their answer is no then
no sale is made. He says
I can ship the 2 brushes
to your order on payment
of fifteen dollars each

Chas Batchelor

Oct 3 1876

Price list of parts to Electric Writing Co. London Eng.

Press —	4.10	115 " 6	
Roller. ——	1.40	4 " 0	
Pen ——	4.80	18 " 0	
Battery	3.84	14 " 3	
Penholder	.26	1 " 0	
Cord	.15		4
Watch oil per bottle	4		" 2
Screwdriver	5		2½
File	10		5
Lines per pair	20		" 10
Ink per bottle	30		" 3
Battery rubber tip	25	14	" 0
Glass Jars	4		" 4
Brass cup	12		" 7
Platinized Carbon clamp	11		" 6
Carbon	4		3½
Battery glass holder.	25	1 "	0
" Bottom	8		" 4
Pen shaft complete	85	3 "	3
" fate & nut	60	2 "	3
" Spoole & Reper	1.00	4 "	
" Frame complete			
" drilled & tapped bolt			
" Guide & Rubber brake			
& Bumpers ——	1.20	4 "	6
platinized spring	.15		" 7
" Screw & nut	15		" 7
Pen centre screw & nut	21		" 10
Needle shank	12		6
Clip & Collar.	25	1 "	0
Mes Frame drilled &c.	50	2.	
Frame springs	10		5
" levers	6		3½
ordinary screws per doz.	20.		10

We are making patterns for a press & print 14 X 9 inches with roller & bed will send you prices as soon as our Bachelor for Edison.

Oct 3rd 1846

Messrs Wilkins & Co

7 New Road St London Bridge.

Gentlemen

Your letter handed me by Mr Wilson. Enclosed I send you a copy of the letter as promised to Ireland. Sept 11th I received your letter of Sept 3rd containing an improvement on the letter which comes to hand apparently at your date of Sept 30. The wires all run equally well when they have been put together. I cannot account for any of them being faulty unless they were sent in unfavorable weather. I believe you have heard of my having received no letter from you since your first letter which has been very annoying as it has left me in the dark as to your intentions & wishes. I have not yet received the letter you say you have sent me. Mr Shiell said you had sent them to Mr Wilson & I wrote to him accordingly. I have found them worse than useless. I must do so myself. I have twenty times a week to write to people who I ought to be able to refer to the manufacturers with the pill in the next post. I not yet know of a single instance where it is known. Here we have parliament hold its very high & long a meeting. I can never do better from this or a more serious trial relating to our legal capacity. The Mr Hall & his wife & much better one of those photists who burned Richard Hughes Bell, & Elliot his wife tried to burn Mr Wilson, the Baronet, on use for prisoner Robson for only eight not, probably they will double convicted we have it made worse. I hope you have found by this time that I am not more troublesome than the first five were put off in a hurry. In your letter you say the more as that you would draw our attention to these facts so you wish us to continue the correspondence & of to hear and order at once. We have two lots ready with the improvement on the letter &c.

Yours
Chas Bailey
Manager

[illegible]

[illegible]

[illegible] Havana [illegible]

[illegible]

[illegible] Cru-
cibles for (6) six persons complete, one at
$26, one at $30, [illegible]. We have none
of the larger size on hand at present, ex-
cept in the [illegible] [illegible]
[illegible] it [illegible], expect to have
some ready by the end of October. [illegible]
[illegible] currency, this
[illegible] we can give [illegible]
[illegible] to pay. I marked the
weight on each one also in bills of Ex-
change. I was obliged to put the value on
the [illegible] of 160 which is
the same [illegible] [illegible] [illegible]
[illegible]. I send you samples
of [illegible] [illegible]
[illegible] on my office [illegible]
[illegible]

thousand sheets. No 2 is a stencil paper very thin and tough, it is the best kind of paper for stencils that I have as yet found. I have it made and ruled specially for our use, it is (8/) nine dollars per thousand sheets. No 3 is a regular (10/) ten pound colored of good quality it is (4/) four dollars per ream. This is the stencil paper that almost everybody uses in this country though No 2 is much better. I send instructional books by mail. I also send you one of our circulars which is a little different from the one you got from me at Hoosick Square in the Spring. You will see from this that we only make 2 sizes [illegible] No 1 prints 11 x 7, No 2 print 14 x 9. [illegible] are used for [illegible] plans, etc., we make of Wood, up [illegible] $6.800 for sizes [illegible] No 2.

Respectfully yours
Chas. F. Batchelor Manager

19th 6

Dear Miss [illegible]

I would be very pleased if you have been [illegible] as [illegible] so, as I know you are a member of the [illegible] but this will be required [illegible] of course. I [illegible] the following: 12 [illegible] suits, 3 [illegible], 12 [illegible], 12 [illegible] caps, 6 [illegible] pair of [illegible], 12 beds, 2 [illegible], 12 [illegible], 12 [illegible], 5 little purple suits & distribution [illegible] same, 3 [illegible] hand [illegible]. You will find the pieces for the above in the back of instruction book. When ordering pieces if you will put in what you want on the [illegible] I can make up the [illegible]

to about all my copies. On those
I have sent you separate discount
am having some electrotypes made
and [illegible] you on the next lot
I shall expect all orders to come
on me from this territory to you.

Respy Yours
Batchelor & Co.

Oct 24th

F. T. Butler Esq.
Havana Cuba

Dear Sir

Yours of 15th Recd

We shall have large presses on Wednesday & will then send you one together with extras & paper ordered. These extras we cannot send on our own a/c, we put your price down on the last consignment & give a large discount to cover all expenses on extras. We collect at Duranó if you say so —

Respectfully Yours
Chas. Batchelor
Manager

Oct 29th 6

Mr. Geo. Ferland Esq.
Y. Mus. Board St. C. C.

Dear Sir, Your letter of 9th received & we by Edison We mean put extra pressmaker & cords with the presses. The screwdrivers we could alter. I send detailed price list of pair Cots type have no doubt received them by this time. In making the pen we have made an improvement, the sides being shorter & the screws resting on felt; this we find a great improvement. We now have the 14x9 press on hand.

Yours
Chas Batchelor

Oct 28 6

Detroit Elec Lgt Co
Detroit Mich

Dear Sir

We have shipped today by express dispatch as directed in your telegram of yesterday 2 Pens & Holders Complete & one Extra Holder. Enclosed please find Bill, also draft which please accept & return receipt

Yours Resp
Edison Elec Ill & Power Co
G

18

Oct 29th 6

Dear Tom,

Your report received with thanks. I have just arrd Ireland & London authority to sell Belgium as he has a customer for it. Do you know any one going out to India or the other Colonies that would be a likely person to work up a trade for us. I have got South America going pretty well & the West Indies & am working in Mexico & the Central America. Who is working the Manchester district for the London people? Every thing has been dull here for the last two months owing to the Presidential Election

but they are now picking up & the prospect looks brighter for the winter. I was very much obliged to you for report of Brickson it gave us a shine although I believe he is good. He has already paid a bill for us at Elliot Bro. of £90.17 & accepted our draft which I put with Drexel Morgan & Co. hands to collect.

All well at home. I have got some help & run this thing & am spending a great deal of my time on a new electric sewing machine. I expect to use up some 8 or 9 months on it but if it is a success we shall be all right.

Yours as ever
C. Bailey.

Oct 30th 6

Fredcus Ireland Esq.
Dear Sir

In order to negotiate the acceptances here it is necessary that the responsibility of Hibert Brockon should be known to the bankers here. It will therefore oblige us very much if you or Messrs Barclay & Co will advise Messrs J Morgan & Co of London as to the responsibility of H Brockon. Messrs Morgan will then advise their correspondents here Messrs Drexel Morgan & Co. after which we can have these acceptances discounted as we may

desire

Respectfully yours
Charles Batchelor
To Thos A Edison.

New York 6

Henry F. Hunter Esqr.

Dear Sir

Our M. & G.

[illegible] are not ready yet but as soon as they are will ship. Both your orders of 20th Oct. & 3 sent you samples of paper which were some stencil paper with the 2 large ferrets but in your letter of 20th you did not mention one which kind send

Yours

Chas. Batchelor

Manager

Nov 10th

Messrs Ward & Co
Gentlemen,

In last I gave you prices here now for samples for Cumaru, price $60 each was given in view of that, if we send you two more it must be at our regular rates for abroad, for an order of 65 pieces $26 each for an order of 250 twenty $22 each & for 500 pieces or more $18 each. We cannot deviate from these prices.

Respy Yours
Chas. S. Bartholey
Manager

New York, 21st

Magnuson & Brown
New York

Gentlemen:

We cannot give you an exclusive agency for Germany but can give the following low figures for the sale of them. These lamps which very can be seen in operation.

In an order of 15 pieces (one dozen) five dollars each, for an order of (20) twenty (one) twenty dollars each, for (60) fifty or more (one) eighteen dollars each, payable in New York on delivery of shipping bills & every [illegible] plan

Warned by party buying

Respectfully yours
Clark Stetson
Manager

Nov 20th 1898

Mr. Jaros esq.
Santa Cruz
Cuba

Dear Sir.

We have the
pleasure to inform you that we have
shipped you a case of Edison's
as mentioned before also a ream
of 10th offcuts and 100 sheets of
our new stencil paper No 2. The
inky crosses I am sorry to say
are not quite ready but as soon
as they are we will send your
orders of 20th 20th Oct & 11th Nov
with the first one will also send
balance of paper

Yours respectfully
Edison Copying & Press Co
per W B

Mr Barty called in to-day to see us
from Cuba but we told him he could
do better with you & we gave him your
address W B

Nov 26th 1876.

Wm. F. Butler, Esq.
Habana, Cuba.

Dear Sir,

Your letter of Nov 18th received. The twice 24x30 presses are I am sorry to say still delayed but you need have no fear of people buying here for cuba, as the first three punished will be with war and I will not sell of I can help it to any party to send there. A gentleman called to day from Havana & I think he said Cardenas I told him he could do better with you and you had an agent there. He took your address and said he would call on you. I have not his name. In your letter of Nov 18th you said you had been considerably inconvenienced by not receiving the copies I sent you remarked it was a trifling again in view we should not differ. I made up a box and presented the bill to Durand but he refused to pay the amount and consequently I have not shipped

Mem. Enclosed please find bill of Exprss which should have gone by this steamer. Please send draft for same and oblige. Also please send draft to the Wells Fargo Exprss order as in letter of 15th Nov. In your letter of 21st and 28th of Oct you gave me an order on Durand but in letter of 15 Nov you do not & Durand will not pay the bill Demur without an order.

Respy yours
Adams & Exprss Co
per B.

Dec 5th 1876

To Electric Musical Co
London Eng.

Gentlemen,

We have this day shipped you One case of Goods per Steamship "Fisher" direct to London. The Case contains 3 cwt needles & 1 cwt order No 16 and 100 cwt order of Sept 20th & also 4 Hum: assorted Brass & 1 cwt & semi drivers assorted Short in lieu of first lot.

Respectfully Yours
Chas. Forbes Electric Mus. Co
per Butcher

Dec 4th 6

J. F. Butler Esqr
Havana Cuba.

Yours of Dec 2nd at hand enclosing draft for £92.16.1 Stg & you per S.S. Adriatic on the 11th (2) two No 1 ens and the case of cutters all done as in one case. The large presses I will send as soon as possible but they are far from ready, &c.

The stencil paper is what we call a "Crane parchment paper No 10" In ordering send a sample to the press. The foolscap is a good quality of 10th Foolscap. I do not know of any arbitrary firm at present but will make enquiries & let

No B 2207. 41 Cedar St
Dec 19th 1876

Wm J Baker Esq.
Dear Sir

Your letter of Dec 15 to hand in which you blame us for not acting up to your directions. There need have been no trouble about this matter, but you gave us directions to stop the collect of Insurance & he said if his orders were not allowed & the shipping done as he wanted it he would not pay the bills. Furthermore he said that it cost you 16 cts for every package shipped according to your way whilst it only cost you 30 was cents when shipped through him as he put the boxes on blankets & amongst other goods he was sending he showed me a few one bills after I had got the bills of lading for it and I got the box back from the Steamship Company. When you send the same order I think it would be well to send him a

notice of it & instructing him
to pay bills on delivery of shipping
receipt or bills of lading.
We assess triplicate invoices we
do not think it right to overcharge
a cent but the one price, which
we have set low) as it might cause
us trouble hereafter.
Your order on our sack as yet
due for 14 x 2 pieces & the cause of
the delay is due to the shortage
of our stock of the last 5 or 6 weeks
When we have this self your order
shall be filled immediately.
This self sells for $40 here & we shall
have to charge $47.50 for them
You will receive by Via Cruz (?)
three small pieces ordered Dec 8th
Also I have delivered to Capt Gaskin
the sackage & paper I am to
Forward & I claim Crane Exchange
as which when cut makes 2 reams
in one bill & demand & charge you
for Exchange as but afterwards
I changed it in current consequently
I credit your account with the

Respy Yours
Andrew Hen & Bros Co. per Robertson

Dec 28th 1876

Patrick Ireland Esq.

Dear Sir,

Your letter of 27th inst. handed to me by Mr Edison. I have made inquiries respecting the small printing press & will let you know the result in a few days. I have also received receipt for case by SS Abyssinia & will report on the batteries after I have tried them

Respectfully Yours

Chas Batchelor

Dec 28th 1876

Corham & Co

Boston Mass

Gentlemen,

I have a correspondent who wishes me to send him one of your presses as advertised in Scientific American Please send me price list with discount rates

Respectfully yours
Edd S Batchelor

Dec 28th 1876

Kelsey & Co

Gentlemen,

A few of our foreign correspondents have made enquiries respecting your 5 printing press as advertised in Scientific American. Please send descriptive pamphlet with discount rates

Yrs oblige

Chas A Batchelor

Dec 29th 1886

Tidey & Butler Esqrs
Dear Sirs,

Your letter of Dec 29th received & contents noted. The goods shall be shipped immediately though not with large prices. When we can get these large prices your trouble will be over for then all your orders can be filled promptly. I have already got your orders down first on the list for large prices as your people cannot buy in New-York till after yours are shipped. If we have any such applicants I shall tell them that I have shipped you a lot & it would be better to get from you.

In this case I also ship you two bottles of writing fluid (invented by Edison but the property of the American Novelty Co) which I want you to try, & see what you think of it, & if you like it to introduce in Cuba. From a single writing with an ordinary pen you can take copies on letter or other paper up to 20 good & then lots of letter press copies after. I think it is good where they only want a few say 4 to 10, & I sell a great deal of it. I will send you further particulars in regard to it shortly.

Respectfully Yours
Chas. Batchelor

Cia 29th 1896

The Electric Welding Co
London

Gentlemen

Your letter to Edison dated 12th ins. handed to me. We will send some parts on next consignment to enable you to repair the pens you speak of.

Respectfully yours
Carlos Betancourt
Manager

[illegible] 3rd 187[illegible]

[illegible], [illegible] Esq. [illegible]

Dear Sir

Your letter, very much de-

layed was handed to me by Mr Mc

Laughlin of the firm of McLoughlin &

[illegible] former agents of ours here.

We shall be very glad to have you

act as our agent there, (in New Zealand)

and send you appointment to that

effect. Enclosed find receipt for

[illegible] three hundred and sixty eight

[illegible] dollars ($[illegible]). Since you bought

your apparatus in New York we have

made some very valuable improve-

ments and alterations and about [illegible]

[illegible]

[illegible]

boxes, same 40 lbs. Our prices to you
will be per box 22c. & per 2 boxes 20c.
delivered on board in New York city.
I also send you 2 bottles of a new
kind of Lack which we supply to
hatters manufacturing only, a very superior
& invaluable article for the purpose.
I shall all directions and samples
& you think it is worth while
trying we will arrange a price for it.
We frequently have novelties in
shapes & new & old articles that
very now & then shall send you samples.

Respectfully yours
Chas. L. Batchelor

Jan 3rd 1906

Western Electric Mfg Co
Chicago Ill

Gentlemen,

In sending in passes for foreign countries please be careful not to put any duty instructions or printed circulars in them.

Respectfully yours
Wm F Zimmer
Cpt

Menlo Park N.J.
June 4th 1877.

Geo B. Walters Esq.
Dear Sir,

We will enter into a contract for the sale of the Electric Pen and Duplicating Press on a royalty under the following patents, (which was

Filed Aug 23rd 1876 and
Issued Oct 6th 1876

the number of the patent being 269,95)
under conditions similar to that which we now make with the Western Electrical Manufacturing Co of Chicago and under which they are now working.

These conditions are, that we shall receive a royalty of (5) five dollars on each complete apparatus and proportionately on the parts thereof, and they guarantee that the royalty shall not be less than from two to hundred machines per annum

2

& (10) ten per cent on the retail price of the supplies, which is a large item after many machines have been sold, payable every (3) three months & the sales to be sworn to.

With your Austrian parties if we can be satisfied that they are perfectly responsible, we will enter into a contract with them for the sale of the apparatus on a royalty of (£1) one pound sterling on each complete apparatus & in proportion on the parts thereof according to a schedule, they to have all the profits arising from the supplies & such guarantee that the royalty shall not be less than from (25) twenty five machines in each & every month, or a period of (3) three or (5) five years, just as they choose, they to pay during that time the patent taxes & have the option of purchasing the patent at the price

[illegible] to you in this [illegible] [illegible] a copy of a contract with schedule to which you may send in their approval. Tell me how you propose to make your money out of this transaction, as it is essential that we build machines before next Oct in that country and if nothing is done within two or three months we shall withdraw this offer and take steps to secure our patent. We could furnish these parties with the press alone in box securely packed for $ currency and ship by freight which is perhaps cheaper than they can make them but the press, battery, and other appliances could be made cheaper there. We can send the press to them from here at $17 50/100 currency which includes royalty, in which case only a license to them for the exclusive sale would be necessary, they would however have to make a few parts occasionally to preserve the patent and conform to the law. Very yours

[illegible]

Jan 3rd

Montagu Pym

Dunedin New Zealand

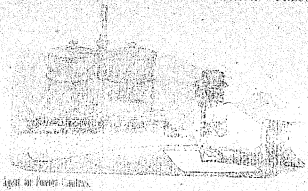
You are hereby appointed our sole agent for the sale of Edisons Electrical pen and duplicating press in the Islands of New Zealand for the period of (3) three years from date above, with the proviso that you sell in cash and your year not less than (20) twenty pounds complete outfits and that you do not sell at higher prices than those mentioned in our book (which we send) with cost of shipment added. You can however sell lower if you think it best. We shall furnish you with these presses complete at (£22) twenty two dollars currency for No 1 size and (£25) twenty five dollars currency for No 2 size. Charles order of me drawn New Zealand sending money for same I shall ship at our risk once and carry to your credit. We approve Edison seat price and our prices to

[illegible] such [illegible] you must render all co[illegible]
[illegible] when such prices arrive
[illegible] parties ordering (through [illegible]
[illegible] your corresponding) prices to be sent [illegible]
[illegible] by them We cannot [illegible]
[illegible] commission as we do not know
[illegible] dealt with them after [illegible]
[illegible] from our store. If we have [illegible]
[illegible] we would advise him to [illegible]
[illegible] if we have [illegible]
[illegible] is much lower than [illegible]
[illegible] corner, this is to cover [illegible]

Yours

[illegible]

EDISON'S ELECTRICAL PEN AND DUPLICATING PRESS.



CHAS. MEYER, General Agent for Foreign Countries.
P.O. Box 3097

New York Jan 9th 1877

Chas Meyer Esq Co

Gentlemen,

EDISON'S
ELECTRIC PEN

Edisons Electric Pen and Duplicating Press
is the most [illegible] invention
[illegible] in a letter
[illegible] in addition by 05 yrs
[illegible] used the world
[illegible] PEN
[illegible] only the [illegible] simply
[illegible] Yr. Obedient Servt to command
[illegible] Box 3097.
NEW YORK

37 Park Row

What would you insert this advertisement in one weekly paper, for one year in each of the following cities. The advertisement to be about one inch long:—

Cologne. Vienna Carlsruhe
Berlin Breslau Strasbourg
Leipsic Munich Bremen.
Hamburg Cambrig Gas Light.

The advertisement to be in German.

Respectfully yours
Chas Gaberlein

THOS. ROWLAND, Gen'l Agt. for the Pacific.
P. O. Box 2007

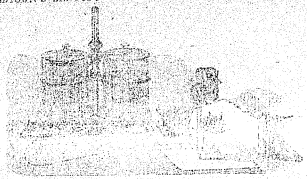
San Francisco Jan 9th 1877

Geo P. Rowell & Co
Park Row New York city.

Dear Sir,

I want to put an advertisement
about the sick lung in German papers by the
can you give me any estimate for these
principal cities in South America
" " " " Germany
" " " " France
" " " " Australia
" " " " India & China
" " " " Italy & Austria
Please see me more in weekly and monthly
papers. Yours obliged
Thos Rowland

EDISON'S ELECTRIC PEN AND DUPLICATING PRESS.



CHAS. ROSENBERG, General Agent for Eastern Counties.
P. O. Box 3900

New York Jan 9th 1877

Wm F. Butler Esq
Sabana Cuba

Dear Sir

In my letters that went last week may be lost on the Mississippi I write you to-day. Your large press I expect this week and your small order of 20 doz now waits till I receive the large one. In regard to the price of large press we have as yet no tools for making this and everything being made by hand makes that press cost as much as we set for it on list since has again been altered to No 1 $40 and No 2 $75.00 although I still keep an intend to do so you price as low as possible. We can not make this press cheaper without losing money ourselves. I shall send you in this case three boxes of ink which I want you to try and a new letter marking in the shape of ribbon duplicate of which I will tell you more anon

Yours &c
Chas Rosenberg

Jan 10th

Col H Bliss Esq:

Your Agent Chicago Ill.

Dear Sir

[illegible]

[illegible] Wholesale. [illegible]

[illegible] that hold [illegible]

[illegible] & persons [illegible] which of course [illegible]

[illegible] in a barrel, or cask in one case, need not be

[illegible] as the cost of transport is [illegible]

[illegible] Order No 9 has been filled here by

[illegible] on [illegible]. Please only 'Ten-line'

[illegible] when ordered by one

Respectfully Yours

Chas F Schlosser

[illegible]

Jan 17th

Wm. F. Butler Esq. Havana Cuba

Dear Sir

Your order of Dec 20th for [illegible] papers could have been rejected [illegible] Collector today but Mr Durand refused to pay the bill [illegible] I send him the goods to be [illegible] on. Your order been in his possession & shall [illegible] time either by receipt or bill of lading was [illegible] & therefore hold goods subject to your order. Custom house bill [illegible] shall do.

Respectfully yours

Chas Balchelor.

Agent.

Jan 17 7

Vasey & Butler, Havana

2 Extra presses No 1 @	24
2 Extra batteries ~~250~~	9
Lime cartridges without Glass cups	
	33
40 pc Chiset	13 20
	$ 20 20
2 Reams 10 lb Foolscap @	8
2 Reams Sarcheuilat paper	
invoice 10 reams	
at 7.00	13 00
	$ 41 20
Cr by exchange on paper	
in 1 bill	2 00
	$ 41 20

Cash payment

Aug 31st

Western Electric Manufacturing Co.
Wright Street,
Chicago, Ill.

Gentlemen,

We have not heard as yet from our order No 7 and the delay is becoming serious.

Also our order No 1 for large size dresses we should be glad to hear from as our agents inform us that they will countermand that size if not ready soon. Please hurry them up and oblige us

Respectfully yours
Chas Schlotter
Agent

Feb. 3rd [illegible]

[illegible] Butler Esq
[illegible]avana Cuba

[illegible]

Your [illegible] received [illegible] but too late to put them on the [illegible].

[illegible]

[illegible] indeed. [illegible] [illegible]

[illegible]

[illegible] we want [illegible]

we want [illegible] in New York.

[illegible] not in need of money to run our factory.

Prospects look [illegible]

[illegible]

[illegible]

[illegible]

New York Feb 3 1884

Messrs Waller & Kennedy
224 Pearl St

Gentlemen

How soon have you a vessel sailing direct for Dunedin New Zealand?

Chas B Batchelor
41 Key St

New York Feb 3rd 1884

Carroll Tuttle & Co
15 S. William St

Gentlemen,

How soon have you a vessel sailing direct to Dunedin New Zealand?

Chas B Batchelor
41 Key St

New York Feb 3rd 1884

Messrs Waller & Guerran
101 Wall St.

Gentlemen,

How soon have you a vessel sailing direct to Dunedin New Zealand? Please answer and oblige.

Chas B Batchelor.
41 Key St

New York Feb 3rd 1900

A. T. Cameron & Co
23 S William St

How soon have you a vessel
sailing direct to Dunedin
New Zealand?

Chas Batchelor
110 Hey St

New York Feb 3 1900

Wm H. Webb
14 S William St

Gentlemen How soon have you
a vessel sailing direct to Dunedin
New Zealand?

Chas Batchelor
110 Hey St

Feb 9th

Memorandum for Messrs Todd Bro's.

The stencil left with me is not perfect it seems to be written with a weak battery and I think the sound is a little dull but still very fair results can be taken from it with just three rollers over as seen from samples sent. The roller must be kept clean as I weak the lines will show the dots on writing fast

Respectfully Yours
Chas J Satchler

Feb 3d 7

J. Hulin Esq

440 Broadway City

Dear Sir,

I have an order for one dozen of Southworth linen caps. Can you inform me of the price of same and if you can furnish it.

Respy yours

Chas Batchelor

440 Bway St.

Feb 3rd

Messrs Miller and Flynn
33 Beekman St City

Gentlemen,

I have an order for one dozen of Southworth linen Caps, can you inform me what it is and its price, or if you have it at all

Respectfully Yours
Chas H Batchelor
41 Dey St.

Feb 8th 7

Mr Electric Writing Co

9 New Broad St London

Gentlemen

On the 6th of last December we wrote you enclosing bill of goods £52-10 enclosing bill of lading and draft for acceptance since which time we have heard nothing from you respecting it. Have you received them if so please accept and return to me

Respectfully yours
Chas Batchelor
Agent

31 Clay St.

Feb 6th /

J. Durand. Esq
26 Broadway

Dear Sir
I have [illegible] small cases to go by City of New York (for Havana) to Henry F. Butler. please advise me what I shall do with them

Yours
Chas Bartlett

Feb 15 /

H H Tapp & Co

22 Barling Slip City

Gentlemen,

Enclosed package contains (2) two of our new Rollers. I have also enclosed one electrotype of the cut at the head of this page. If it might be useful to them if they advertise there.

Respectfully yours
Chas Bartesler A.B.

Feb 6th

Jesse F. Butler Esq.,
Havana Cuba.

Dear Sir.

I send you by 'City of New York' through Durand three cases. No 1 contains one No 1 Press complete, No 2 contains two Extra presses, four skeleton batteries one distributing box, two rollers, two pen with cords &c, twelve springs, knives and their screws, two reams No. 1 foolscap, two reams No 2 Mercil, two electrotypes, six needles, also some duplicates, nut and jetton ancilaire &c. as spoke of to you before, No 3 contains one large sized press as long talked of. I shall fill your orders for large size presses as fast as possible, I only sent one distributing box as I could not wait for more from factory. I will send the other by other Capt Stratton or Mr Edwards. also the [illegible] mentioned in your letter of.

Yours truly & very
Arthur Batchelder
Capt

Feb. 4

Wolfram Sn & Co

Indianapolis Ind

Gentlemen,

What has become of our C.O.D. package sent March 1st & letter sent Wolfram & Co. Gottberg Sweden the 9th of last November. Please answer

Yours respectfully
Chas Wahlstedt
Agt.

Mr Geyst

Oct. 5th

Van Electric Mfg Co
Chicago Ill

Gentlemen,

Some time ago I sent a small package through Mr Gittsland to be enclosed in my order No. of Dec 21st 1891. This was burned up at Ashtabula and I was asked to supply another; I did so but it was returned about 3 weeks ago. I then concluded it was too late to be packed in the box. As the order has not left Chicago I would like to put this package inside. Please inform me whether I can send it

Respectfully yours
Chas Salomon
Agt.

Feb 15th

C. H. Bliss Esq.
Genl Agent Western Electric Mfg Co
Chicago Ill

Dear Sir,

Your letter of Feb 12th enclosing bill of merchp. thanks. The bill is correct but it must be charged to the Edison Electrical pen and Duplicating press Co. on whose books Mr Batchelor has given you credit for the amount. Please alter bill and return to him,

Respectfully yours
Thos A Edison
per. B.

I have five dresses
ready for Butler large size which
he ordered some time ago. Please
direct where to ship and when

Feb. 20th. 4

Durand. Esq Broadway N.Y.

Dear Sir I have an order from Butler
of Havana which he desires me to send through
you immediately without delay. There are
(6) six boxes (4) four of one size and (2) two of
another Please direct me where to send
& oblige Yours respectfully
Chas Batchelor,

Feb 21st.

Henry F. Butler Capt.

Havana, Cuba,

Dear Sir,

Yours of the 10th to hand. I cannot possibly get your order on the Vera Cruz but hope to get it on the Clyde sailing Saturday. I send small package by Capt Dennison for distributing box & pen samples.

Keep yours

Chas Batchelder

Cpt.

Feb 21st

Western Electric Mfg Co

Chicago Ill.

Gentlemen,

Enclosed find receipts for checks sent 2 & 16 (for $624 ea) —

If you can possibly hurry my order Mr. please do so as there is a p/p now loading on which I want to send them, if missed will have to wait till 1st

Respectfully yours

Chas Baberlin

Capt.

Feb 21st

Durand Esq.

Dear Sir

Providence R.I.

Enclosed find receipted bill and shipping receipt for 3 & 2 pieces cruiplate for Butler of Havana. Please send check for same and oblige

Yours respectfully
Edw. Bakewell Agt.

[illegible]

[illegible]

[illegible] Sequestrator each [illegible] at the expiration of six months after [illegible] notice you shall have bought from me one hundred bales cotton [illegible] round bales) for dollars on each and every complete order.

Respectfully yours
Chas. S. Lecher
Ass.

Feb 23

J. T. Butler Esq

Havana, Cuba.

Dear Sir

I just learn that in the [illegible] cases sent yesterday there were two others lost. This mistake was made in the packing at our factory I shall send them in first package going out

Yours respectfully
Chas Baldwin
Agt.

Feb 24th

W. N. West Esq.

45 Broad St. City.

Dear Sir

We are very short of presses at present but expect a large lot from factory in Chicago next Thursday when I can supply you with one.

You will find our prices in list sent, from which I can give you a discount of 10 per cent on all such presses used by you in foreign Countries

Respectfully yours
Chas Batchelor

Esq.

Feb 24th /

Messrs Market & Co

142 Centre Street City

Gentlemen

Make your first and second orders as you wish in your letter of 23rd and after wards in tens or twenties

The 200 German Instruction books I will print for you as soon as I can get the electrotypes of small cuts in book from Chicago, but they must have our name on title page as well as yours

The Enabled books we can supply same as before. The Clocks is ready & will send it over from as soon as I get it from factory

Respectfully yours

Chas S Batchelor

Mfg.

Mr Key Co.

Feb. 24th

Henry F. Bullen, Esq.

Havana Cuba

Dear Sir,

Yours of the 17 to hand. The press will be delivered to City of New York (Mr Cornair with the missing parts included.

The distributing box I sent by Capt Clarkin sailed 21st. I had already shipped you three large presses by the Clyde sailing today.

Your order for 4 small should have gone also today but I have not as yet received them. I have to night to Chicago to see them esp on the manufacture. In the meantime if they should come I have left orders to ship immediately. I hope to be able shortly to have 300 presses on hand in New York.

Respectfully yours

Chas Mc Ross Co

per Ry

Feb 26th

Mr Rutherfield Esq

6 Murray St

Gentlemen,

E. F. Baily v. Stevenson

[illegible]

[illegible]

Yours [illegible]

[illegible]

Esq

27 Feby 27 77

Western Electric Mfg Co
270 Kinzie St Chicago Ill
deliver in New York
Fifteen (15) Complete No 1 Vault fits

Chas Batchelor
for E. Rutland

Feby 27 7

Henry F. Butler Esq
15 Calle Tacon
Havana Cuba

Dear Sir

Mr Batchelor our foreign agent before leaving for Chicago instructed me to send your orders as fast as they came. I have therefore delivered to the Grounds 7 packages containing 12 Cartons 12 gines 12 Prone Cups 12 gines jaws. the two large Rollers I presume you are short, also some small things. The two extra Pens I had not. But will deliver to Capt Deakin if they arrive in time.

We are expecting Cuesas every day and your # No 1 shall be shipped immediately Mr Batchelor instructed me to tell you to have not collect if Duty and for a more [illegible] but will write you on arrival. [illegible] returns.

Yours Very Respy
[illegible]

Inclosure No. 7

G. H. Bliss Esq.
Gen Manager Chicago, Ills.

Dear Sir

I have written to Chas. Alfred Buckton & Sunderland Esq. in regard to the same payment of an last bill by the Electric Motion Co. of London Eng. In regard to their responsibility I have reliable information from private and Mercantile agencies over there that they are properly good. I am sure that when Mr Buckton receives my letter he will have it remitted immediately.

Edison has not arrived home yet.

Please do not solder up the case in which the goods are in, as my firm treasured ~~[illegible]~~ before they go, the pens that have been sent here are in, on inside the box they are on.

Hoping I am Chas. Batchelor
Ogt.

Mch 11th

John Albert Brecken Esq.

Underwood Esq.

Dear Sir,

On Dec 6th our manager Mr Batchelor shipped your order for 50 Pairs etc. by Steamship France direct to London and drew on the Electric Writing Co as requested to do so by Mr Leland; the draft has never been accepted, and a subsequent letter of Mr Batchelor's yesterday to Ld has never been answered.

Enclosed find bill of costs Shipper Dec 6 payable upon which is overdue; also statement showing balance from Credit of £46,10,0. Will you be good enough to remit us the balance and oblige.

My respectfully yours

New York 7

Durand Esq
16 Broadway N.Y.

Dear Sir

I have a case of goods I go to Philadelphia and be desire I have them sent through you will you give me instructions relative to it & oblige

Yours respectfully
Chas Batchelder.
Alg

Is it Outward bound
Either in or out.

Mch 12

G H Reis

Gen Manager

Chicago Ill

Dear Sir

All the pieces you are sending come without any platina on the carbon screw have this attended to immediately please, as the battery is no good without it I have all some fixed at Lakewood, Ohio also the battery top should be polished by all means.

This platina up carbon screw is of great importance

Yours very

[illegible]

I think it would be well
as there are so many things
to get wrong to leave the
tin cases unsoldered in my
New Zealand order so that
I can try them all myself

Yours
Chas Batchelor

March 11th 7

Capt Baker.

Shamskeys ~~City~~ Vera Cruz.

Dear Sir

Mr Butler of Havana desires me to ask you to give this ~~to him~~ (small package.)

Respectfully yours

Chas Batchelor

Capt.

Aug 14th

Mr. J. D. Queen,

Havana Cuba

Dear Sir

I received your letter with the 10% for shipment but someone said they could not get the box. The other week I received a box from one of the boxes but I have been busy so I send it down & hope it will reach you today. I came from Chicago where I have been to see about the manufacture. I hope soon I see you with supplies as our business prosperity.

[illegible]

March 14th

C. H. Bliss Esq
Gen Manager Chicago Ill

Dear Sir,

Having a chance to let my office, I spoke to Gilliland about my having desk room in 20 New Church Street and accordingly moved there, & this is not perfectly satisfactory to me, let me know. I prefer myself it so much more convenient and cheap, as if we were all under one roof. Chicago is here and will write you soon in regard to foreign.

Enclosed find receipt which I had mislaid. Please note it & if you have a duplicate please destroy it.

Respectfully yours
Wm Bakewell Jr

March 14th

Mr. H. Batchelor Esq.
Manchester England

Dear Sir

Enclosed find letter with order I could all this but never have owe it you if you can make anything out of it. If you cannot do anything in that district forward letter to Jackson of New Broad Street London and I will come into see you & be invoiced

Yours
Charles.

Have we the means that have matters arrangement & [illegible] of [illegible]

March 22nd

Mr Alexander & Co
Alexander Jr.

Liverpool Eng.

Dear Sir,

Your communication to our Mr Williams I have forwarded to our agents in Gt Britain who will correspond with you.

Respectfully yours
Chas Satchwell
Jr. Cert.

March 14th

Leonard Esq
46 Broadway City

Dear Sir

Your small package received and duly sent in Mr Butler's goods
Enclosed found bill and shipping receipt per Express sent.

Respectfully yours
Chas Belcher
Jr. Agt

March 14th

Mr Hadden —

Com. Sel Co 115 Broadway.

Dear Sir,

I have removed from 41 Dey Street to 20 New Church St & now occupy the rear. and all bills signed by me are a forgery. Mr Gordon who has an iron establishment in 41 Dey Street has a Christian name which he pays rent I told him I did not pay no rent for someone, & if you could induce him to change

Yours

Chas Burg

Messrs Hoadley Cary & Co
76 William Street
City

Gentlemen,

Enclosed find receipted bill of Press complete delivered this morning. Please send check and oblige

Chas Batchelder
N. Y. City

107

Mch 16th

Holmes Electric Mfg Co
220 Kinzie St Chicago Ill.

Gentlemen,

Please ship my order No 2 as soon as possible as there is a vessel leaves 29th of this month and it will take me some time to "doctor" the pens, batteries, etc, this has been standing (?) three months and it is not advisable to leave this boat

Respectfully yours
Chas Bakkeler
Capt

Perhaps you could send more pens complete as I have received none on my order 29 and my partly on my arrival I get them

C.B.

Nov 19th

Messrs. Wm. Co.

Omoa Honduras.

Gentlemen

We have shipped on the French Mess.rs Headley Wm. Co an Electric Gas Press containing six (6x) Hrs. Our Agent at Omoa Mr. Butler is not authorized to appoint agencies in other countries for us, and as we have no agent in Honduras shall be obliged to have you sell for us there and for such sales we will deliver them or order to Mess.rs Headley Wm. Co as required at (30) thirty dollars currency each for No 1, (25) thirty five dollars currency for No 2. Payment on delivery & sorties in New York. I send you a few Samples with this. I should be glad to hear from you at an early time.

Respectfully Yours

Otto Bachelor

Agent.

March 17th

Messrs Bradley & Co
70 William Street
City

Gentlemen,
Messrs H. Cohl & Co
address on the same letter as Hymack & Co
Please send by bearer the letter and one
set of samples to be forwarded to them.
Respectfully Yours
Chas. Sachheim
Gen'l Agt

March 19th.

A. T. Goshorn Esq
Director General Centennial Commission
Philadelphia Pa.

Dear Sir

Mr Allison directs me to ask you if there is any issue or pamphlet in which the Centennial Award to the Elements Pen Co. Educational Press is mentioned as he would like to see the same

Yours very truly
Geo Bulman
Howard Street

Mobile

Mr Edwards,

Steamship City of New York

Dear Sir

Mr Butler desires much

hand you package for him

Respectfully yours

Chas Balchelor

agt

Mch. 20th

J. H. Bliss Esq

Gen Manager 220 Kinzie St
Chicago Ill

Dear Sir,

In response to yours to Edison of 19th I have written Director General Gaskill for information. He will give you the information as soon as possible. The copy of cancel you mention in yours to Edison of the 15 I will try and get and send to you.

I would have sent you these notes before but I supposed Gillilands had already done so.

In re Ten Shaw pound the following points:-

1. The contact spring is too stiff on seven and too stiff enough on others.
2. These springs are not burnished where it rubs on cam
3. The platinum point on spring and screw should be [illegible] against and come right on cam

(2)

4 The cam is not true on circumference and so
(3) side lifts the spring further away from platinum
screw than the other.

5 This cam has a burr on edge left by some small
wheel must be taken off.

6 The hub in wheel is out of truth, and the speed of
rotation causes a rattling.

7 The rod is cut too small, & acts as a guide for
the cam clip.

8 The spools do not stand squarely from the
armature.

9 The spools do not stand square with armature;
when looking from top.

10 The cores are not flat on bottom.

11 The cores are not all the same length exactly.

12 The spools are only 2½ ohms resistance together, or 1½
each. They ought to be 1½ ohms each. You spools will
work at 3 ohms, but the battery will not last so long.

(3)

When you take 1 p an chem from a total resistance of 8 ohms it is a large per centage.

12. The little cam that is cut on shaft ⊙ is not perfectly true. It is in my judgement, cut too quick, and cut it to polisher better. If the cam is not true you will find on adjusting the needle very close, and drawing it across a special sheet, that one side punctures clear the others only mark the paper.

13. The cam clip ⊕ has too much shake in it, and in all, there is more shake in some places (as you turn the shaft round) than others. This is one proof of the cam being cut untrue:

15. This cam clip is not burnished in the inside.

16. The guide on top of frame is always too wide, the tape must having too much play.

17. The screws that hold the guide on, in every case push in the hole instead of screwing in, this is very serious as the [illegible] of pen shakes them out.

(24)

n) The centre screws in most do not stand parallel [illegible] each other, but far out of line, and if you attempt to move either, the shaft takes a different position.

o) The centre points of shaft are not made right; [illegible] each point should be this shape, [illegible], and should rotate in the screw, both centre and centre screw being [illegible] burnished at these points; the other end of shaft [illegible] the contact spring, should be this shape, [illegible] the screw striking centre on the sides; [illegible] centre screw should not be countersunk deep, as at these [illegible] put [illegible] friction on the shafts; they should [illegible] [illegible] burnished. [illegible] your man drills [illegible] hole for a centre in both ends, [illegible] so, this [illegible] radically wrong and will not work one month.
[illegible] [illegible] corroded badly; after soldering [illegible] should be [illegible] [illegible] soda [illegible].

[illegible] In [illegible] [illegible] [illegible] when the armature [illegible] [illegible] [illegible] [illegible] not [illegible] precisely over the [illegible]

6

of the tube and consequently the needle binds in the tube when running.

7) The connections fright by all means to be soldered, as the slightest oxidation at these points increases the resistance & cause an extra strain the battery appears to work weak.

8) The rubber bushes in brass, limit round in the tube and are perfectly useless.

In tube & on thickness of platina I would call attention particularly to the fact that the more surface of platina you have in contact, the less intense a space and consequently less oxidation and the pile will not burn & need so frequently.

The battery as you work the exception of platina points is very good and general finish, I think you might adopt some of the rubber tips same as we did.

I believe on the presses that the springs are strong but in many cases after they are down you can

6

put your finger on the end and push them still farther; I mean that they are not straight, the end where the points are should in all cases come down strong in frame, [illegible] you are like [illegible], but of course [illegible] not so much as this.

In packing, the board that holds the press down should be screwed down from outside instead of nailing as a great many frames are broken in delivering this way. The presses packed come incomplete and I have complaints frequently of small articles missing.

Respectfully yours
Chas. Batchelor
for Mgr.

March 1, 7

Messrs G. H. Gray & Co
48 Lydia Street
Boston Mass

Gentlemen,

I am in receipt of yours of 24. Most foreign countries are represented by our agents here. We can give you a discount of (15) fifteen per cent for all sales outside of United States or Canada

Respectfully yours
Chas F Batchelor

Mel 21st /

Vasey, F. Butler, Esq

Havana, Cuba

Dear Sir,

I send you by City of New York 4 Rollers, will send the pens as soon as I can get them. Your observations in regard to packing I have written about & the pens will send the little things that are short

Yours
Chas Batchelor

Ugl.

Mex 22 /

Baldwin Bros & Co
72 Broadway New York.

Gentlemen

Have you found out what has become of our 6 O.P.S. & Chas Sundelin & Co Goldberg Swedish which was sent through you 9th of November last Please let us Know

Respectfully yours
Chas Batcheler
Fa Ofs.

Mch 22 /

Maj F. Butler Cy

Havana Cuba

Dear Sir,

Yours of 22 received and order noted. Your order to Allen & Co I have delivered to our people here, and when they deliver they will give you the commission on it. I have no right to sell in this country, nor can I give my agents the right to do so, but I have asked for you the commission when they can deliver the press.

The prices we supply you the press at leave us no margin to do note outside expenses and as we do not want you to be disappointed

counts outside of your specified territory we must decline to furnish any money for travelling expenses. Shall be very sorry to have the testimonials you mention.

Respectfully yours
Chas B Batchelor
Agt.

Mch 22

Y & R Bros

Gen Mangr Chicago

Dear Sir

My orders 52 & 53 Owen & McGilland Cedar are very urgent, please give them your early attention. The New Zealand 12 have not as yet arrived.

Yr, & Yours
Chas Batchelor

Mar. 9

C. H. Bliss Esq
Gen Manager.
Chicago Ill

Dear Sir

In my order No 31, Feb 22, for 1 Large size press alone, please pack also in press one large size roller and oblige

Yours respectfully
Chas Batchelor
For Agt

Mob 20th

C. A. Alles Esq
&
Capt William M

Gentlemen,

On my return from
Bend Mr Gillivan handed me your
memorandum requiring Mr C.A.
Broken of Amherstburg Enquired into a
little information in regard to what
he wants

Respectfully Yours
Chas Batchelor
Sub Agt.

Feb 27th 7

C. K. Cammeyer Esq Co
20 South William St

Gentlemen,

I have 8 cases
and one barrel (light) occupying
about 24 cubic feet to go by
your ship "Etruria" direct to
Gourdin but cannot get them
in dock till 29th PM will they
be in time then?

Respectfully yours
Chas Batchelor.
Jan Agt

March 30th.

H. Hogg Esq Co Burling Slip city.

Gentlemen,

Your memorandum enclosing extract from China and Japan trading Co's letter received and contents therein noted. Their suggestion to return the presses with the rollers is by no means fair as the press we now make is an invention of eight months later date. The presses they have are perfect in themselves and are preferred by some of our customers. I have offered, and will at any time you wish, send rollers to replace the ones they have but I must decline to send presses. The improvements which are combined in the "Press complete" as we now make it and included in the one we sent you for shipment to them have caused us to make the price $40, against $30, the price at the time you bought the twenty. The increased cost of manufacturing the instrument gives us a very small margin on the price given you, we think it is a fair one & expect us to replace the presses when there are over eight hundred of the same sort now in use

Respectfully yours Chas Batchelor For Co.

March 30th

Chas. Gen. Manager
Chicago, Ill.

Dear Sir,

Will you be kind enough to send me a copy of the price of paper & the Foreign postage? Also I want to know were said from the Gilliland tells me the stencils are lost at Chattanooga. I want to know whether we are getting our bills at right prices but I do know some people charged me only 10¢ each for distributing bills when I know you must be paying at least 30¢ each for them. If you could send me a copy of the contract with instructions attached I should feel obliged.

Respectfully yours
Chas. Richardson

Cpk

March 20th

J. H. Blair Esq. Gen Mdse Agt.
Chicago, Ill.

Dear Sir,

I received your collection from Mr Gilliland today in regard to Buckeye pens. They shall be attended to immediately I notice a great improvement in these pens but will wait further on these tested them. My order No X for New Zealand I have to get priced, also I have platina point pen screw for battery. Please have them send me bill for Order No X as soon as possible & statement of account to April 1st and I will pay same on 10th inst.

Respectfully yours
Chas Batchelor, Agt.

Mol 31st /

N. H. Cameron & Co

South William St

Gentlemen,

Enclosed find bills of lading for Pym's goods shipped on Elsinore. Enclosed find one dollar from which deduct insurance fee. Please return bills of lading and oblige

Chas Wadsworth

Agt.

March 31

Messrs. Tyler Co.
Lawrence N.Y.

Dear sir

Your order for 12 dresses complete was shipped on the Barb Clarice advertised to sail on Mch 29th from New York direct to Lawrence
Enclosed find bill of same and chgs. with insurance. Bills of lading & policy shall not received from shipper but will send them on by next mail
The delay has been caused by our removal of factory to Chicago and it was unavoidable, it will not occur again as we are now in a position to fill all orders promptly.
I send you in one case some samples

a new explanation book and a ribbon
marking of which I shall send further
instructions by next mail.
You will see that we have a pass now
that prints very well and we are making
a great many of them.
We shall be very glad to hear from
you as to your sales & to receive orders.

Respectfully yours
Chas Bachelder
Treasurer

Mob [illegible]

J. Gerard, Esqr.
Mobile

I have 4 small
boxes of pews for Butler of
Havana. Please send shipping
directions. Obliged
Wm Hornsbeck
Com Agt.

Oct. 4th.

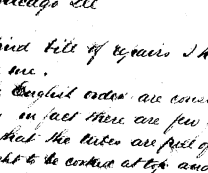
Western Electric Mfg Co

Chicago Ill

Gentlemen,

Enclosed find bill of repairs I have had made on presses furnished to me.

The pens comprising the English order are considerable better made than former ones in fact there are few such. I am now trying some acid paint that the tubes are full of hydro sal from plating, the tube ought to be cooked at top and a little oxomac put in point before going to plating. Upon also the guide is a little bende, and the contact cam is not set right the current ought to cut off at this point (thinked [illegible]) [illegible] as now, I also find on some the needle cam is a little out of truck, that is it pricks on the hole through and the record not rite mouch, when finly adjusted



Respectfully yours
Chas Batchelor Agt

April 4 /

Mr. H Batchelor Esq
Manchester England

Dear Tom,

Can you get me an European business directory, I dont care whether it has any British in it or not. If you can get one send it by mail or if too big cut it into as many parts as necessary and send each part by mail. I will refund you the money as soon as you let me know the price

Yours
Chas Batchelor
Tom Esq.

Apl 6th 1

Perry & Butler Esq Havana Cuba

Dear Sir.

I send you by S.S. Clyde two No 0 pressesses complete and 2 No 2 complete being part of your order of Mch 17. I have also included two extra faces part of order of Feby I collected of Forrand for the above.

Enclosed find bills for parts sent you per City of New York via Vera Cruz. I have still to supply you with 2 Screwdrivers and files left out of order of Feb 6th

2 Rondaccos 12 spring screws, 12 locks air screws, 1 large Roller of order of Mch 16. and 6 clamps 4 screws 6 Rimpents 4 screws of Mch 22d. Also the newspapers and 2 Broken frames

I shall endeavour to send you these by City of New York if possible. We are getting now in much better condition and shall be glad to have your orders increased as I feel we can give prompt in future.

Respectfully yours
Chas Batchelor
N.Y.

Apl 6th 7

Western Electric Mfg Co

Chicago Ill —

Gentlemen,

My orders for small parts 15, 17, 19, the parts of 30, and 31, are very urgent, and in not being able to fill them they are causing me great trouble.

Order No 24 unless I can fill by the 15th of this month I am afraid will be embarrassed. Please push these matters, as also orders 23 and 24.

Send all C.O.D.

Respectfully Yours

Chas H Bassler

Foreman

Apl 6th 7

Western Electric Supply
Chicago Ill

Gentlemen

I have some complaints about the packing of the presses, some of my presses sent away have had the frames broken lately, causing inconvenience to the parties purchasing

Respectfully yours
Chas Bassler Jr.
Foreman Agt.

Apl 6th 7

Telegr. Markt & Co.

139 Centre Street city

Gentlemen,

I have telegraphed and written in regard to your 'persons' and expect them every day

Keep yours

Chas. Batchelor

Fm Agt.

Cull

H. F. Wheeler Esqr.

La Salle & Chicago

Dear Sir

Forward us your receipt for settlement with insurance & send check and oblige

Yours respectfully

C. & N. W. R'y Co.

Ben Bartlett

Treasr

Albany N.Y.

Albert Watson

Montreal Canada

Dear Sir,

Herewith we send you statement of our account.

We have been disposed to allow the payment of this account at a period within a reasonable limit, but your continued silence and neglect of duty to acknowledge the same forces us to resume our action as an imposition upon us. You will therefore favor us by sending a check in advance or we shall be compelled to place the matter in the hands of our attorney for collection thereby adding materially to the face of the bill

Yours respectfully

John V. Schoharie & Co.

April 24

H. H. Miller Esq

Philadelphia Pa.

Dear Sir

Herewith we submit you a statement of our correspondence. We have declined & refused the argument of the defendant to a person within a reasonable time, but by an enlightened judiciary and bench of Justice & legislate the scenes, forestalling & construction action & commencement upon us. Generally therefore, we are with a settlement otherwise we shall be compelled & place upon the hands of our attorney, thereby occasione an trouble & the pace of time

Respectfully Yours

John Bradsfeld Mar.

Oct. 11th
1866

Messrs. C. C. Hoyt & Co.
Salem N. C.

Gent.

I received and signed your statement of goods sent you Sept. 19 (Inv. 1 & 2). We have been disappointed in receiving the payment of this bill & send it to you as a negotiable paper but you returned it since protesting it claiming it figuratively the same occasion & construe the money mind as an imposition on us. You will oblige favor us with a settlement of the same, otherwise we shall be compelled to place it in the hands of our attorney for collection, thereby adding considerably to the face of the bill.

Yours Resp.ly Sadler & Mang.

Apl. 11 /4

Messrs Williams & Hogue

Rochester N.H.

Gentlemen, Herewith we hand you statement of our account.

We have been disposed to extend the payment of this account to a period within a reasonable limit, but your continued silence & lack of desire to liquidate the same forces us to construe your action as an imposition on us. You will therefore oblige us with a settlement otherwise we shall be compelled to place the bill in the hands of our attorney for collection thereby adding materially to the price of the bill.

Respectfully yours
Otis & Batchelder Mfg.

City of N. Y.

Messrs. John McCullough & Co.
Rochester, N.Y.

Gentlemen,

I enclose you herewith statement of our letter applied for in accounts & N.Y.

I would be obliged if you would have a settlement of same at office.

Yours respectfully
E. & J. J. & Co.
Rochester, Pa.

Office of

Messrs Allen & Co.
St Paul
St Louis Mo.

Gentlemen,

Herewith we hand you a statement of our account. Please give us a settlement & remit amount oblige

C. C. R. R. Co.
per Sackett
Mass.

Office N. P. R. R. Co.
St. Paul, Minn.
Oct. 10 1[illegible]

J. McC. Kelly Esq.
N. W. Telegraph Co.
St. Paul, Minn.

Gen'l Henry:

Enclosed please find
your balance of account.

You continued silence about back
billing & refusing to recognize the same
reflects no credit upon your section as
an impartial arbiter upon no. Pac
Mountain regards your letter as a
settlement of the matter and once
for all closed.

Yours obdt. Servt.
C. B. & Q. R. R. Co.
per Baldwin
Agt.

Office of
Post Master
General
W. H. Stanton Esq.
Washington D.C.

Dear Sir,

Enclosed find statement of your account.

Please send check and oblige

Respectfully yours
Chas Beitchelor
Manag.

Copy No. 1

J. D. [illegible] Esq

Chambers 14th Oct

Dear Sir

Your letter of Sept 3rd
to Colson received, requesting
payment of £[illegible] money for Dollars sent on
March last on Rockaway shoe
printing Ink & said by Colson
I shall send you a check for same
Saturday morning

Respectfully yours
Chas Scribner

Oct 14th

Col. H. T. Bliss Esq.
Gen'l Agent Chicago Ill

Dear Sir,

I forward through Mr. Gilliland two orders one for ten, and another for twelve; for Switzerland & Russia, it is important that they should be filled promptly, as they are the beginning of large sales in those countries.

Respectfully Yours
Chas. Batchelor
For Agt.

Oct. 16 7

Messrs Pogg & Co

32 Burling slip
City

Gentlemen

On the 12th we sent you a small box by District express containing 60 cashier rollers to send to the China and Japan Trading Co. Ltd. These were two (2) sent on Feby 6th complete rollers (new) for all the machines we sent out there

Respectfully yours
Chas. Batchelor
Atty.

Cyne pt. 1

Messrs Fuller Warren & Co
206 Wales St City

Gentlemen,

Our agents correspondents
Mr C. F. Bally of Schwenwald Swiss I believe
I am sending some cards wishes me to com-
municate with you in regard to putting them
in risk cards & in case sending them
There are coming from Chicago one consist of
(6 six cases 20 x 18 x 10 inches and (4) four cases
22 x 21 x 30 inches. When shall I be ready to
ship

Respectfully Yours
Chas F Bachelor
21 New Church Street

April 17th

Mr. Williams Co, Niagara

Falls

Gentlemen,

[illegible] your letter
[illegible] containing [illegible] account acknowledge my [illegible] on [illegible] myself
on your bill. [illegible] I [illegible] turned over
its business to the Western Electric Mfg Co of Chicago
Ill (Geo H Stone Gen Manager 22 Park Church St New York)
on Dec 15th of last year at which time you were
duly notified. I learn from our correspondence
with them that you were perfectly aware of all this
and that Hammond Co's press was supplied
by them for you and further that there is a balance
to our credit on their books of $7. Will you kindly
all this expect me to deduct from our bill to you
a balance due you on the books of another com-
pany without any justification whatever, if we

constitutes the [illegible] of bookkeeping' you seem to think I need [illegible] I cannot my self, nor can I recommend any [illegible] to enter a course under your auspices.

You speak of an economic change of £[illegible] per annum, from this it is evident you require a little better knowledge of practical mechanics. When [illegible] it worked perfectly and [illegible] at your or their risk. We must have been robbed at once. I never changed one [illegible] but the K.C., M.C. & [illegible] and I believe, with me I have nothing to do.

One very essential point in my knowledge of what constitutes a 'gentleman' is that he should acknowledge receipt of all communications. I have repeatedly sent you statements & your account with me, such as will result & which you have taken no notice of, or to assign same to waste basket.

Cyme 1st 7

John Robert Brooken Esq
Sunderland. Eng.

Dear Sir,

As per our request in last letter, I enclose draft on you for £[illegible] payable at sixty days, being for amount of drafts drawn on Brooks for £[illegible] with 4 months interest added at 8 per cent per annum. Please accept and return and oblige

Yours very respectfully
Th. A Larsen
per Wakefield

Apl 1st 7

H. H. Lloyd & Co
No South Third St. Philadelphia Pa

Gentlemen

Your letter of 16th received and contents noted. We have received Mr Jenkins' letter and shall forward it at earliest possible moment

Very respectfully your
Chas Batchelder
Ins Agt.

Appl 1st

Gustavus Coombs 100 Wall St

1 Large press 18 25
1 Large roller 3 50
21 75

Mo'pay ment

Gustavus Coombs
Appl 1st

Appl 1st

Messrs Hart & Co. 199 Center Street.

8 Mo'Pay ment, 2 mo'pay ment 2 Jan

Mo'pay ment

Cape 18th

A. M. Cannon & Co
23 South William St
City

Gentlemen

I have as yet not received my bills of lading or insurance policy of 63 bales cotton & the bales shipped by "Hall Dinner" for Dundee. Please inform me when I can get them

And oblige
Yours respectfully
Chas Stutchbury

N Church Street
Sept 15th 1897

A. Hogg & Co
32. Burling Slip
City

Gentlemen,

We wish to refer some Japanese gentlemen to you from time to time & the Chuna Ku Japan Trading Co offices from which they can be good enough to give us their different addresses

Respectfully yours
Chas F Batchelor

New York Apl 20th 1893

F. W. Brunner & Co.
23 South William St
City

Insurance policy and Bills of
Lading received with thanks

Chas. Bedscheder
Jun. Agt

April 22nd /

Chas. W. Green Esq.

Waterbury Conn.

Dear Sir

We have had dealings with Mr Geo. R. Butler of Havana for the last eighteen or twenty months which have been of a very satisfactory nature.

We consider him a responsible party.

Respectfully yours

Edison Electric Lam Co

Chas. Batchelor Mgr.

April 22nd /

Montague Pym Esqr
High Street
Dunedin N.Z.

Dear Sir,

Enclosed find one of three bills of lading of goods sent by Barr & Simmers. I shall send another by next mail to insure your getting one. Mr Alex Roy on the Insolvent.

The Insurance policy I have deposited in safe keeping here, but of course if you prefer I shall send it on. I think however it is better to keep it here as in case of necessity it can be used sooner from you had it.

Respectfully yours
Chas Batchelor
Triangle

April 25th

Percy & Butler Esqs

Havana Cuba

Dear Sir

Your letter to hand yesterday. We know nothing of this Pinmate. We have no other authorized agent in Cuba, nor have we entertained any proposition from any other parties our relations with you being perfectly satisfactory.
Mr Pinmate, nor any one else can get the Pens at a lower figure, nor as low as we supply them to you whether taken by 10 or 100. Nor can they get them at all for Cuba without your selling your commission if we know it. If you will give me his address I will dispel his delusion.
I send some papers by Tera Cruz. Shall send some by mail that come out today if I can at mean time I have sold an extra press to Coombs & Co 17 Wall St & send to Cuba. Your account will be

duly credited with commission as soon as we can
it to them.

Messrs Meert & Co we have been unable to find
no such name in Directory. Please give us New
York address.

We are in a position now to fill orders more
promptly & shall be glad to receive them.

For small extras I thought to send by this steamer
I can't just as I have not received them but have
notice of them

Respectfully Yours
Edw. F. Batchelor
Agt.

April 20th /

Messrs Dayton and Co
512 Chestnut Street —
St. Louis.

Gentlemen,

If we had sold any, you in your territory other than we did we have already allowed commission, we should be glad to credit the same. The only one sold by us was to Jas Cottens of La porte Ind. Aug 16 which was duly credited to your account. You afterwards claimed on the Comstock & McMillan & Co which was duly allowed on Oct 14 & 30. We have no knowledge of any other. If you have any knowledge of such sale. Also know (as your letter seems to infer such thing of the kind) so that we can investigate the matter. I should advise the requests be secure and sufficient money can be left in Mr Ross' hands to correct any claims should there

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Apl 29th

Percy F. Butler Esq
13 Calle Teniente
Havana Cuba

Dear Sir

We have this day sold to Coombs & Co of this city for shipment to Havana Cubas the consignment of 20 7/8 per

15 per cent of this sale $3 7/10 Gold dollars and seventy cents we have credited to your account

Respectfully yours
Otto Bachelder
Pres Agt.

P.S.
Letter of 21st received I always leave the envelopes open entirely for circulars to Boston
Agt.

April 29th [illegible]

Messrs [illegible]

[illegible] Street Chicago Ill

Gentlemen,

[illegible] following the last [illegible] [illegible] [illegible] to [illegible] [illegible] [illegible] [illegible] notifies that he shall hold [illegible] personally responsible under my contract with him. Should there be any further delay [illegible] receive [illegible] benefit from these orders. [illegible] to fill them promptly [illegible] to be used for [illegible]

Please hurry them along immediately and oblige [illegible]

Yours Respectfully
Thos A Edison
per Batchelor

April 25

Mr. Robert Brickell

Sunderland, Eng.

Dear Sir,

Our last note in regard to our contract received. I shall hold myself responsible and shall expect our contract to be carried out to the letter.

Thus stand the manufacture of the Pen and the Boston Electric Co. works simply because they have so much better facilities for turning out large quantities.

We delay experienced in shipping the last lot of pens was unavoidable and impossible to overcome.

I have made some improvements lately and have a new improved sample and intend to use them in future orders. I am having a few made and shall send one to you

Gentlemen

I have just received your telegram in regard to shipment. The above notice of 30 pieces, 30 cases & 30 bales on the way from London came the others & follow right, the month as you

Trusting you will not be inconvenienced by this arrangement I am

Very respectfully Yours

Mr Ossiston

Mr Batchelor

copy

W. H. Keller,
[illegible]
Chicago Ill.

Dear Sir,

I am located in Chicago, and have you [illegible] any time for all the old and of the Collins Auction [illegible] Co. If you will do so or [illegible] will give [illegible] I shall be [illegible] thankful.

Please [illegible]

Respectfully yours
[illegible] Barkheiser

Aug 25th

Messrs Baldwin Bros & Co
52 Broadway

Gentlemen

Would you be kind enough to notify by this receipt that if you forward Philadelphia will do to day. By doing so it will prevent the possibility of any embarrassment

Respectfully Yours
Chas Goldsticker
Jun Agt.

Cyl 28th

Messrs F. H. Loyd & Co
16 South 3rd Street
Philadelphia

Gentlemen

Inclosed this day drawn on you at sight for ($40.) forty dollars. Attached I send to Messrs Baldwin Bro & Co receipt for goods.

Respectfully yours
Chas Butcher
Agt

Allen Ohio

Messrs Marks & Co
Center Street

Gentlemen,
Please accept us with check for inclosed bill and oblige
Yours
Chas Balcombe
Pres Agent

P.S. So other it will be delivered within two month, after which there can be no delay.

C. B.

May 9th

Messrs Mark^s Ans^r Centre Street

5 No 1	Pins gross	Oct 16.	100
5 No 1	" "	May 8.	100
			200

[illegible]

May 9th 7

Western Electric Mfg Co

220 Monroe Street
Chicago Ill.

Gentlemen,

Your bills do not correspond at all with our books. When in Chicago the evening of March I paid three bills of the sums of $29.00, $15.00 & 49.00. The items included in the Mch 5th bill of 62.50 have been again billed to me in bill of Apl 30th.

In bill of March 5th the first item 1 No 2 outfit I have never received and it is probable Mr Williams has presented me his receipt for the press delivered to me Jan 30th and paid Mch 5th.

The ninth item on same bill ought to have been skeleton batteries instead of complete ones

Your bill of Apl 6th charges me with 3 No 2 outfits 2 of these I received on Apl 3 and the other I have

ed on Steamer 29 but receipted for Apl 2, this one however has been again charged home in bill of April 29th. I have made a statement of all my orders and the dates of the receipt of the goods herein. I wish you would compare it with your accounts and make me statement from 8 to 18th and owing as ended for $26 [illegible] paid Mch 5th.

Enclosed please find check for $250.00 which please credit to account of Carson Foreign per C. receiving the receipt for same and oblige

Yours very respectfully
Chas Sadsbeck
Foreign Agt.

May 25th /

Alex. Pirie & Co

51 William Street

Gentlemen,

On April 14th we received an order for Electrical panels from B. F. Batty, of Pekoonmwers, Switzerland, in which he refers to you for payment of same.

We are now ready to make shipment and if you will kindly inform us whether you have had any directions from him in regard to the matter we will ship and send you bill immediately

Yours respectfully

Chas Batchelor

Treas Agt

May 25th

Mess. Fuller Warren & Co

226 Water St

City

Gentlemen,

My shipment of goods to Bailey are now ready, have you any goods going that I could put them in with?

Yours Resp

Chas. [illegible]

Fwd Agt

May 26th /

Messrs. Peck & Co
51 William Street

Gentlemen.

Enclosed find bill of Goods shipped to Mr Wally also clear receipt for same. Please send check for same and oblige

Yours respectfully
Chas Satchler
Jr. & Co

June 17th
May 28th 75

Messrs D. Buttery Esq
Western Cuba Mfg Co
Havana Cuba.

Office Sec 220 Kinzie Street, Chicago, Ill

Gentlemen,

I have turned over your letter in question to Mr Stanton with instructions to accept drafts or notify you to pay the same. On May 8th I gave a receipt to Mr Jno R Robbins but have received as yet no bill. Mr Stanton has taken on May 26th a receipt for 6 cases cigars on account of you to 2 cut etc.

Order has been filled in some days & was accepted & we have done in some days business & not & and forward before quoting Mr Jno R Robbins this and inclosed check for $73.20 on payment together with bill & return of statement & receipt of payment. The payment should have been made when

Yours very truly & co
[illegible]

Jerse 1st

J. Butler Esq

21	Bill [illegible]	12
27	Bill [illegible]	10
"	" [illegible]	6
"	Paid Sering [illegible]	3
"	Paid here [illegible]	[illegible]
25		[illegible]

Charges

Commission on [illegible] bills [illegible]

June 17th 7

Verey J. Butler Esq

Havana Cuba

Dear Sir

As we have turned over the business of the Jen Co & C.H. Bliss and there is a balance on our books in your account of $13.10 in our favour we shall be glad if you will please settle it so that we can close them by doing so you will much oblige

Yours respectfully

Chas Barcelo

Treasurer & Manager

P.S.

Enclosed find statement of same

June 1st 7

Vesey F. Butler Esq

Vesey F. Butler Esq

Feb	21	Bill sent	1 25
	27	Bill extra	10 05
	"	" "	6
Apl	4	Paid Scient Amer	9 -
	25	Papers and	1 54
			$21 82

Credited by
Commission on
Accounts pres 8 70
$13 12

June 1st 7

Vesey F. Butler Esq

Havana Cuba

Dear Sir

Please transmit c
B. H. Bibb

April 9th 1878.

Brown & Sharpe Mfg Co

Providence R.I.

Gentlemen,

Please send me one set (8) cutters for 32 pitch marked in your catalogue on Page 32 $3.00 each.

Please find check for $24.00 in payment of same

Respectfully Yours

T. A. E. [illegible]

per

[illegible]

Yours [illegible]

[illegible]

Menlo Park N J Apr 18, 1878

Mr [illegible] Riley
Boston

Enclosed find check
for fifteen [illegible] in full settlement of
account
Please send receipt

T A Edison
per [illegible]

Menlo Park N J Apr 12, 1878

P. Hayden Esq
Akron Ohio

Enclosed find check for
[illegible] in full settlement of account
Please send receipt for same

Yr
T A Edison
Canman

Menlo Park [illegible] of April 1878

E W Dotten

Dear Sir

Enclosed find check for fifty two $ 100 in full to settlement of account to April 1. 1878 — Please send receipt of account by return.

Yours

T A Edison

Menlo Park Apr 12 1878

Condit & Hanson

Gents

Enclosed find check for $443 100 in full to settlement of account to April 1. 1878 - Please send receipt by return mail

Yours

T A Edison

Comm

Menlo Park Oct 12 10

Jacob Ray Co

Gentlemen

Enclosed $100 in full settlement of Acct.
Please mark receipt

Yours
J A Edison
for Co

Menlo Park N.J. Oct 12 10

Williams & Plum
Gents

Enclosed find check for $50. on account. Please send check by return mail. If convenient send me a bill with each order so I can charge it up

Yours
J A Edison

Menlo Park Apr 12. 1878

Mr Gilman Cash. Cny

Dear Sir.

Enclosed find check for twelve & 8/100 dollars in full for settlement of account — Please send receipt

Yours Respt
T A Edison
for Carman

Menlo Park N J Apr 15th 1878

W D Jackson

Dear Sir.

Enclosed find check for forty & 14/100 dollars in full for account to Apr 1. 1878. Please send receipt by return mail

Yours
T A Edison
for Carman

[illegible]

[illegible] Mass

[illegible]

Enclosed find check for four [illegible]
[illegible] in full for account
[illegible] receipt for same

Yours truly
T. A. Edison
per Carman

Menlo Park Apr. 17. 1875

C. T. Chester Esq.

Enclosed find check for four & 15/100 dollars in full for account
Please send receipt for same

Yours
T. A. Edison
Carman

[illegible]

Please find check for [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Wind Port N.J. Apr. 10. 1874.

[illegible]

Gentlemen

Enclosed find check for – [illegible]

[illegible] 100 [illegible] in full for account

[illegible] for [illegible]

Yours truly

T. A. Edison

per Coman

Menlo Park N.J. Apr 12 1877

W. J. Ch. Lord Esq

Dear Sir

Enclosed find forty ~~eight~~ dollars in full for settlement of account
Please send receipt for same

Yours
J. A. Edison
N.C.

Menlo Park N.J. Apr. 12, 1877

H. M. Raymond Esq

Dear Sir

Enclosed find check for one ~~dollar~~ hundred in full for account
Please send receipt for same

Yours
J. A. Edison
per Carman

Menlo Park N.J. Oct [illegible]

Colonel Wagner

Enclosed I find check for two
[illegible] dollars in full to date
Please send receipt for same

Yours truly
T. A. Edison
Per Commissioner

Menlo Park Apr. 12. 1878

J. Dunlow Esq
Dear Sir

Enclosed find check for
forty dollars in full for settlement of account
Please send me a receipt for same

Yours
T. A. Edison
Per C.

Menlo Park Apr 12. 1878

Wm Blemmy Esq
Dear Sir

Enclosed find check for
fifty dollars on account —
Please send receipt for same

Your truly
T A Edison
Jr Carman

Cable despatch

Parkes. London. Telephones

Brussels

Menlo Parks Co 1878

Theodore Parkes Esq

Dear Sir

We have shipped you Baldwins Express 6 setts of Telephones compl with the exception of two transmitters they leave to day in City of Richmond. we cabled you in regard to them

Yours Chas Batchelor

for C

Manles Park N.J. April 11 1898

Mr. Hawkins.

Care Peter Cooper 17 Cs New York

Dear Sir

I bought from Mr Murray of Newark a large Steyes Stove price $50 — but it does not answer my purpose and I want to sell it. I understand you were looking at this one and if you wd [illegible] can sure have it for $45.00

Respectfully Yours
Thos. A. Edison
per

[illegible]

[illegible] freight prepaid

one box of 1 ¾ diameter round bar

one box of 1¾ " "

one box of [illegible] best tool steel

one box 1 X X H common flat steel.

[illegible]

W. A. Edgar

pr Carman

Brown & Sharpe Mfg Co

Providence R. I.

Make one cutter for lathe [illegible]
largest diameter [illegible]
[illegible]
point ninety [illegible]
[illegible]

T. A. Edison

Menlo Park N.J. Oct 22. 1879

W Kirby

Dear Sir

Your letter received, many thanks for the offer, I will call upon you at the earliest opportunity

Yours truly

Thomas A Edison

Menlo Park Apr 24. 1878

Hugo Wollheim Esq

Dear Sir

I already have an agent on the Continent. His name is Theodore Puskas "La plume Electrique" 9 Rue de la Bourse Paris. you can doubtless make some arrangement with him for Germany

Yours truly

Thomas A. Edison

Paris [illegible]

John Crumpton Esq

Dear Sir

Please [illegible] the Mary of
the London Steinscopic Co on [illegible]
who have the English management of the Company

Yours truly

Thomas A. [illegible]

Menlo Park Apr 24, 1878

Samuel Hueland Esq

Dear Sir

Your communication of April 20th received, owing to the great pressure of work, it would be impossible for me to come to Boston and exhibit the Phonograph, I have however sent your letter to S H Johnson General Agent of the Phonograph Co P O Box 2029 NY & see if he could send a person with machine

Yours truly

Thomas A. Edison

Menlo Park Apr 20 1878

James W Somers Esq

Dear Sir

Yours of Apr 20. received

I stated to the Editor of the Herald that I had constructed and used such an apparatus to enable me to hear theatrical plays. but that it would be generally impracticable owing to cumbersomeness. I am going to work anew on an apparatus to accomplish this object in a practical manner and if successful you will learn of it through the Newspapers

Yours truly

Thomas A Edison.

Menlo Park N.J. Oct. 24. 1879

Prof. Wilson

Madam

Yours of Oct. 19. received in reply
would say that I am now working on the problem.

Yours truly

Thomas A. Edison.

Merlo Park Apr 25, 1913

Dr Vans Hartland — G

Cards

Please send me Dialect Glossary

ral Glossary of nearly 2200 English words. The accounts was derived from the locality by Edward Jewitt Papal Vic Gr. Rector of Mapleton Hall. Lincoln. See Nutt's Folk Lore & Country Gardens 187.

Yours truly

E. S. Hartland

Menlo Park N.J. Oct 1 [illegible]

S. Bergman

Dear Sir

Please send [illegible]
Vocation on Electricity by A. Edison. [illegible]
[illegible] for [illegible]

Yours truly
[illegible]
[illegible]

[illegible] Esquire &c

[illegible]

[illegible] letter of [illegible] from you [illegible] I [illegible] lately [illegible] of which [illegible] I [illegible] in the best workings and cannot see them unless they are [illegible] for any wishes in the future in regard to this matter

Yours truly

[illegible]

Menlo Park N.J. May 18/78

D. Van Nostrand Esq.
Gentn

Please send me Silliman's Journal No 130 for July 1867. 2nd series, containing an article on Staedmuth's engraved stone

Yours truly

T. A. Edison

Newark

Menlo Park N J May 1. 1878

Prof Eaton

If possible have telescope here by the 5th If you cannot let me know at once as I must get another one at once

Yours truly

Menlo Park N.J.

May 1st 1878

Geo Place Machinery Agency.

New York.

Gentlemen

Have you sold the Blaisdell lathe, if not I should like to have it here as I want one now myself, all my machinery is in use, all the time & I want one.

Yours respectfully

T A Edison

per B

Menlo Park N. J. [illegible]

[illegible] Raynor Esq

Dear Sir

Please [illegible] me by mail.

[illegible] sheet 7 3/4 inches long 3/4 of an inch [illegible] and 5/1000 of an inch thick

Yours truly

Chas Batchelor

[illegible]

Menlo Park N J [illegible]

J & J Crooke

Enclosed find samples of foils, some
bottles and cases as possible. Freight prepaid
via Penn R R to Menlo Park N J - address [illegible]

Yours truly
T A Edison
p. [illegible]

281

Menlo Park N.J. [illegible]

Messrs. Darling, Brown & Sharpe

Sirs

Please send at once by mail,
(6) Six Standard steel rules French Measure
1 Metre long
1 Decimetre long,
1 Centimetre long.

Please find enclosed $2 Even Dollars and twenty cents. Check for the amount. Write to know whether you have Brown & Sharpe Scales for Draughtsmen for metre long [illegible] they cost.

Very Respy. Yours
T. A. Edison
J. Kruesi
Secy.

Menlo Park May 7. 1878

Prof Eaton

Dear Sir

Please send us immediately by 3 dozen Glass discs - same size as those of aluminium enclosed

Yours truly
T A Edison
per

Menlo Park [illegible]

Geo Phelps Esq

Dear Sir

Have you any of the glass discs made for receivers. if so please let us know who made them as we would like to get some

Yours truly
T A Edison

Mans Cust H.S. May 7th 1878.

Smith,

Dear Sir,

We have sent you this
ing the balance of telephones, the
writers are soldered up in two tin
. I also send a few ferrotype plates
the electrograph if necessary as also
points encased in wood in same en-
e. I have sent you (10) ten cards al-
h (8) is all that is necessary. I should
you to get a small piece of rubber tube
must sign to make dampeners for your
graphic electrograph.
n man will hand you two cards
to sign, and have witnessed, one
you keep the other return to us
le hand you a paper to sign
selling or using these instru
of Central or South

America.

Then he will hand you bill of lading when delivered, these you can pay him for and he will receipt the bill.

Your tinwork has not yet come so I have packed up a lot of ours (as much as we could spare) and when yours comes we can send it on if you will leave address. If we get the tinwork in in 8 I will try and get down here, if you will leave word with my man, what boat you go on, and what time it leaves.

Respectfully Yours
Chas Batchelor
for Edison

Menlo Park N J May 9

J W J Crooke

Gents

We wrote you on May 2nd for 50 ℔ tin foil please send it at once we are all out

Yours truly
T A Edison
Jr

Menlo Park may 13. 1878

S A Ludwig Esq
Dear Sir

we have shipped to your address via Penn RR 25 H. Tin foil as per request of S J Smith. please acknowledge receipt for same

Yours truly
T A Edison

Menlo Park N.J. may 18. 1878

Jacob Hay Esq

Dear Sir

Please send by freight via Penn R R (you need not prepay as we have a freight agency at this end now) the following order

one piece walnut 1/4 inch ~~inch~~ thick and 12 inches wide

one piece walnut 3/8 in thick and 12 in wide

one piece walnut 1/2 in thick " 12 " "

one piece walnut 2 x 2 — 10 or 11 ft long

one walnut plank 2 inches ~~thick~~ any width above 8 inches 4 to 6 ft long

in ordering the boards I do not know what lengths they come as and then what ever lengths you have

Yours truly

T A Edison

per

Menlo Park N J May 17. 1

Wright & Smith

Gents

Will send of six three mail
cylinder pattern please have B coast and no
man will stop for them

[illegible]
[illegible]

Marble Rock Iowa May 17. 1891

A. S. Jacobus

Dear Sir

[illegible]

to any pattern. please have two cans of [illegible]

[illegible]

menlo Park may 18. 1878

E P Bullard Esq

Dear Sir

Your letter of 17th received. my assistant Mr Butchelor will c[illegible] you the next time he is in your City, [illegible] looking for the best place to have them [illegible]

menlo Park N.J. May 20. 1878

Mess. Brownell & Co.

Gents

Please send us by express one Pond R.R. (not prepaid) one bar lead 3/4 x 1/4

Yours truly
T. A. Edison
per W

Menlo Park N.J. [illegible] 1879

Messrs William and Plum

Gents

We are in receipt of [illegible] (760 leaf sheets) of Paper like [illegible] 8 3/4 × 5 7/8 first up in frames of 100 each [illegible] following provided [illegible]

Yours truly

T.A. EDISON

Menlo Park N.J. [illegible]

Menlo Park N.J.
May 21st 1878

J. F. Murray Esq
Newark N.J.

Dear Sir

Edison and myself will be down soon and pick out what we want of the machinery. Phonograph model will be ready in a few days and I will let you know immediately I have it ready.
Do not do anything with Ballard till after you have seen us

Respectfully yours
Chas Batchelor

Menlo Park N J May 21. 1878

A. M. Jacobus Esq

Dear Sir

We have this day shipped via Penn R R 38 ft [illegible] our man will explain to you — please credit us with it and send receipt by mail

Yours truly

T A Edison

Per

Menlo Park N J May 22. 1877

E T Phillips Esq

Dear Sir

Please send me (10) ten lbs No 17 Silk covered copper wire immediately

Yours truly
T A Edison
per

A.E.

[illegible] Post [illegible]

Williams & Pluck
Gents

you may [illegible]
reams of paper like enclosed, with [illegible]
as per sample [illegible] you put up in [illegible]
sheets each

Yours truly
T A Edison
A C

Minneapolis M. . .
May 2nd 1912

E. M. Haywood Esq
Bond Street Newport.

Dear Sir

Our man has just got the following order & asks please send it as right away —

1 one piece shaking [illegible]
(7¾ long 1½ wide and one inch thick)
seven and three quarters long, one and a half wide and five [illegible] thick

Yours truly
Lotta Bischel

Menlo Park N J May 25. 1879

A S Jacobus Esq

Dear Sir

I have mailed to your address to day one pattern please cast two of brass our man will call to morrow afternoon for them

Yours truly
T A Edison
for

Menlo Park N.J. May 29. 1878

Messrs Hobson & Sons

Gents

Your's of 24 is at hand. The particular bar of steel I refer too is one of 1734 round steel at 11 cents per pound purchased on May 11. 1878 from Frasse & Co by me for Mr T. A Edison. who uses it for hardened steel bushes

Yours Respt

Chas Batchelor

A-C

ments Park may 29. 1878

F. Phillips Esq

Dear Sir

The receipts came to hand
we accept thanks for same. In your statem-
ent you show that we have paid $162.90 which
is with my books. bills amt. you make $167.67
and it should be $166.67 leaving a balance of
instead of $4.77 as per your statement.
not this correct according to bills sent

Yours truly
T A Edison
per

P.S. please send us 2 doz telephone cords and see
if the connections are all right - we will have
used much most of the cords sent on last order
they are perfectly useless - you will probably
know the matter is with them

Menlo Park N.J. May 30. 1878

Messrs Crowell & Cook
Gents

Please send as freight via Penn R.R. one bar of decarbonized steel 1 1/8 inch in diameter and one bar 7/8 (one half) inch in diameter send immediately

Yours truly
T A Edison
per C

June 10th 8

Mess Alex Pool & Co
Newark N J

Gentlemen Will you make ten (10) phonographs such as you saw here for forty dollars ($40) each? You can use common steel. After making these ten you will be better able to make us an estimate for one hundred more.
Pls answer soon

Very Truly
T. A. Edison

June 11th 8

W. Miller Esq.
New York

Dear Sir

Your favor of the 10th I have no time to try the Electric pen as a hypodermic syringe. If you deem it worth while you have my permission to make the alterations necessary, take out a patent for the combination to be used for that purpose. There is no doubt about its being patentable

Very Truly
T. A. Edison
9

June 11th

J. M. Kinnetman Esq
N.Y.

Dear Sir

Your postal rec'd today. The Toy Phonograph models are almost completed. As soon as 2d one is completed I will send it to you. Post for Europe. Their Paris address is of Col [illegible] Hotel No 9 Rue de Bourbon Paris France and to which I would respectfully refer you for privilege to manufacture & sell the Toy Phonograph.

Very Truly
[illegible]
per

June 11th

Jno Kiraffy Esq
NY

Dear Sir,

Yours of the ~~xth~~ rec
You for the repeal of
the Musical Telephone
exhibition in Europe for
two Months

Very Truly
J. T. Ad[illegible]

Jennett

Messrs Alley Bell & Co
Newark N.J.

Gentlemen:

Your favor of the 10th was duly rec'd. The terms and conditions therein mentioned are satisfactory. The patterns will be sent tomorrow, and the Sampson phonograph will be sent as soon as I can spare a man to go with it which will be within two days.

Very Truly
T. A. Edison
per

June 13th

Hon. George Wacks.
NY

Dear Sir, I have given Patrick & Carter of Phila an order for 25 Telephones for my own use. If they prove satisfactory and you wish to have them I will turn them over to you. Mr Patrick will come to NY today with 100 Carbon discs for Mr Phelps.

Very Truly
T. A. Edison

1

Messrs Pairpoint & Co. July 12 1877
Philadelphia

Telephone —

1 Box finished like the Phelps instruments

2 Transmitter japanned and screws blue
in lacquered

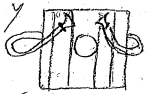
3 Transmitter top to have 'EDISON'S CARBON
TELEPHONE' in raised letters of cast iron
round base of mouthpiece

4 Magnet to be made 1½ wide by ½ inch
thick and when magnetised should
lift six (6) pounds

5 Spools to be 50 ohms each

6 Ear pieces of rubber with flexible tube
long enough to reach to the ear, the
tube to be thin but covered with silk
(red or green)

The ear pieces must have a hook
& hook or to on the ear piece

7 

8 Make can pieces think another one can be bought since come to the
Cars coils and not be too short

9 Larger size binding post

10 Coil must be wound with four layers
of No (17) seventeen silk covered wire
for primary and ~~four~~ three layers of
No (32) thirty two silk covered wire with
a sheet of paraffined paper between
each layer.
Resistance of primary .34 ohm
Resistance of secondary 150 ohm

11 Chas Batchelor
for
Mr A Edison

June 15th

Samuel W. Worrell Esq
N.Y.

Dear Sir

Referring to Mr Elliott's application for the agency of the Megaphone please say to him that I am not ready to make any business arrangement with any one but will file this letter for future reference.

Very Truly
T. A. Edison
per

Prof S. P. Langley
Allegheny Pa

Dear Sir

Your note of the 11th and the statement inclosed came to hand today. Please accept thanks for the statement. It will form an important factor in my forthcoming pamphlet which I am at present compiling. I will endeavor to show up Mefan Hughes Record in a manner, which to gentlemen will not be gratifying. The pamphlet will be sent broadcast on both sides of the Ocean.

I did not find anything foreign in your previous letter altho I examined it closely for the statement.

Yrs Truly
T. A. Edison

A Alex Pool & Co
New York N.Y.

Gentlemen

Your favor of the 13th

in regard to the patent

for the ... Cylinder, It will

... Sample machine

... drawings which

are ... Ourselves to

... of Modifications

which ... been made.

Very Truly

T. A. Edison

June 14th

A Alex Pond & Co
Newark N.J.

Gentlemen
Your favor of the 13th. duly rec'd. In regard to the pattern for the brass cylinder, it will be sent with the sampler machine tomorrow. The drawings which we have would be useless to you on account of modifications which have been made.

Very Truly
T. A. Edison

June 14th 8

Messrs Patrick & Carter
Phila

Gentlemen

Your favor of the 13th duly rec'd. I cannot pay over twenty (20) dollars. If this is not satisfactory please return samples.

Very truly
T. A. Edison

June 1st

V. W. Ernst Esq
Troy N.Y.

Gentlemen

Your favor of this date is
come to hand - I think your
figures entirely too high - I
sold two of the larger
machines which were made
here, for twenty dollars each
and did not lose anything on
them. They were shipped to
England by ears this morning

Very Truly
T. A. Edison

C275 I

June 17 8

J. S. Brown Esq
Washington D.C.

Dear Sir

Your favor of the 14th was duly rec'd. After a careful examination I fail to find anything original in your ideas about the phonograph, or anything that is not already completely covered by my papers on file in the patent office. If you think differently go ahead and develope your instrument.

Very Truly
T. A. Edison

[2176]

June 17

Messrs. Parrish & Carter
Philadelphia

Gentlemen

I am in receipt of your favor of the 10th. I will be immediately after to get the Telephone and Electric Bell (two) cycles. Do all of your best to get them up in good shape, and good appearance.

Very Truly
T. Stetson

Page 276 missing

June 17th

A. A. Pool & Co

Newark, N. J.

Gentlemen,

We send you model Phonograph by our man to work from. In taking it apart you will find the mouthpiece has been placed a little which prevents it fitting as light as it should. This was done by myself whilst experimenting with it and in making yours you will see that it is better to be a little tighter. Will call and see you in the course of a day or two. If you can give any time for us to say when they will be ready do so as they are continually asking about them. They must be painted Gray & the Brown & Sharp Knob. Yours

Chas. Batchelor

June 17 8

Messrs Patrick & Carter
Philadelphia

Gentlemen.
I am in receipt of your favor of the 15th Please do your best on the twenty five telephones, get them up in good shape and good appearance. I shall probably order as many more when these are completed.

Yours Truly
T. A. Edison

June 18

Jas Redpath Esq
New York

Dear Sir

Referring to your letter of the 17th in regard to the phonograph & telephone agency for the West Indies, Mr Edison says to refer Mr Palmieri to Mr E H Johnson inasmuch as the Musical telephone is concerned. The Speaking telephone Mr Edison says, he will furnish Mr P at as low a price as possible.

Pls ascertain from Mr Palmieri about what time he expects to sail.

Very truly
T A Edison
per

283

Yours

L. W. Tonelliaz
N.Y.

Dear Sir,

Referring to the
interference matter, pending
yet the taking of testimony
I shall have to
some stencil made
action, but I shall make
use of the pad set
and line as figured
in my patent in 17
I can lead line
witnesses are
and Adams.

188

June 20

Mr Charles T. Cox
New York

Dear Sir

Referring to your
this date relative to Mr
in Turkey, if Mr Harris
sign an agreement not
exhibit it any other
than Turkey

Yours

Wm Freeman
Plymouth Mass

June 21

T. M. Barton Esq
Receiver

Dear Sir

Major Ostrander has
of White due me [illegible]
Bondsmen [illegible]
one of the [illegible]
them. [illegible] be up
and of [illegible] Mr Barton
order a [illegible]

[illegible]

A. L. Bridgman
Brooklyn

[illegible]

[illegible] telephone for [illegible]
on Dayton [illegible]
Wednesday, but on the [illegible]
for [illegible]

To the Editor of the Scientific American

June 25,

In reply to your communication of yesterday, in which appears an article purporting to be under the heading of "The Microphone" I should feel that had the whom named gentleman read carefully what I have said in regard to the variation in the conductivity of Carbon and other Cone-Combs in relation to pressure, they would have saved themselves a great deal of trouble. I should also feel that Combs made of Carbon, or any other material and made

subsequently

[illegible]

[illegible]

[illegible]

(c)

June 24 1878

My dear Gourlaw

I see by "Iron" that Mr Bell's name appears in the lists of Jubilees as an inventor of a Telephone. You might see Sir Norman Lockyer & Chancery Lane, and get an extract of his provisional specification. It might give you some information and then you could give me a copy. Bailey & Appleby be a smart fellow but a Frenchman. For the life of me (with this in my Paper letter) I cannot see what Gray has in England. You will see by Pepi's letter that he claims that Bell patent is no good. If it is Gray's and my good because Gray is previous to Bell except put in a different shape. They may talk Oh! Gray Telephone, but Bell's is better and Bell's will work angry electrical Gray's will and many places where it will not. [illegible] of Mr [illegible] is for nothing even touch me in England. No matter how many telephones come out there my complete apparatus will give more information. Hear from me

and can be sold the receiver. Besides it will
work. Unless no other telephone can work
We have great difficulty in persuading them since I have
left and the people that were are going to send
you word if the are not deaf but then
prove perfectly satisfactory. My telephones
unlike any other cannot be demagnetized
by lightning. Preece has ambiguously
played a fast game with Adams; Adams
writes that he has had no show, and that
he thinks Preece is hostile to our telephone.
Underground wires have been given
him at all times, he has had no assistance
My opinion is that nothing can be done
with the Post Office Officials.

Remember that the Phonograph &
Telephone is in one patent. Hence I shall
to make the Contract with Nottage
in the form of a licence, with the
telephone the same arrangement will
have to be made. The parties make
a contract with me for the
sale and exclusive right during the
life of the patent to make and sell
telephones. I will have a copy of Nottage's
Contract made and send it to you so you
will see the nature of his Contract
[illegible] 1881. [illegible]

(2)

I send you a provisional power of Attorney = which will
serve your purpose for a while. =
I have written Adams to do what you say in
do not let him go near the P.O. himself. =
See if you can get Clarke or some one to tell
the Hughes steal night before the Society of
Telegraph Engineers, or through the columns
of some paper. I am preparing a pamphlet
in which the whole steal is exposed. =
Pusher never wrote me, But you better see
him He is a good fellow nevertheless. =
Is Wallace making any money? Exhibiting
receipts here so far $13000. Clear profit.
Actual only 25 per cent of what was
taken in at the doors. = I will take
$3000 for ~~the~~ of my interest in Phonograph
in England, My new Phonograph patent
Claim is pressing and will be a clear one
& voluminous. I may in the course of three
weeks [illegible] in the Poy lettering

Dear [illegible] I am a [illegible] made [illegible] 6.
of them [illegible] in [illegible] - The Jury
Co [illegible] to sell them for $3. each
if they [illegible] they [illegible]
[illegible] - The Jury business
I going to [illegible]
Do things up neat and I will
let you bring out the new things
There late Coming

In haste

Thos A Edison

10 July I will probably bring
you the telephone -

P.S. Nightingale big success on
Western Union Lines

(C)

June 24 +

I Thomas A Edison of Menlo Park state of New Jersey U.S.A. do hereby appoint Col George E Gouraud of London England my agent for negotiating a contract to cover the sole and exclusive licence to make and sell my Speaking Telephones in Great Britain.

Thomas A Edison

June 24

Geo. B. Prescott Esq.
N.Y.

Dear Sir,

My assistant Adams writes from Paris that Harg refuses to show the Quadruplex in the Paris Exposition and will not turn it over to him (Adams) without an order from the Western Union Tel. Co. Will you please write such an order that I can send it to James Adams and than the Quadruplex will be over to Paris in the Exposition. An early reply will be appreciated.

Very Truly
A. E. Ed

June 27 8

Messrs Messrs &c.
N.Y.

Gentlemen: I have just received the six sets of Electrotypes of Chas. Mc.s. Thermometer. Please send me six additional sets of the same. Please acknowledge receipt of this order by mail & oblige

Very truly
T. A. Edison

June 30

(C)

July 5th 1875

[illegible]
Paris

[illegible]

[illegible] I may be permitted to inform you that the English [illegible] on the Rhine through Switzerland was [illegible] [illegible] That for France [illegible] [illegible] June 6th 1875.

[illegible]

[illegible] Saturday June 12th.

I write you this day [illegible] Hitch [illegible] can get there into France [illegible] [illegible] than any thing [illegible] Adams in London, [illegible] Chronicle.

I am hoping [illegible] Continent [illegible] which I shall [illegible] [illegible] beyond [illegible] [illegible] the [illegible] against the [illegible] having [illegible] the [illegible] [illegible] [illegible] [illegible] [illegible] [illegible]

[illegible]

(2)

laboratory. Please pay to Adams some money, not
in his letter to Mr Bachelor but in your name
to ask you for it. And I have not yet received
of this needful commodity as I have some very promising
lots of lots of many new and important
inventions. I hope to be able to send you something
startling in a short time. I hope to send you
a perfect hand phonograph which reads as com-
bat singing is beautiful and you will be astonished
if the results from a machine turned by hand.
I think it will be better than the Ch
wit of steel which must go in a bending
mount. The new machine reproduces and
backwards beautifully and the tracing is loud
and clear. Please let me hear from you
occasionally

Very truly
T. A. Edison

July 3d 1878

Col Geo. L. Gouraud
London

Dear Sir.

I forward from here this day per express a box to your address which contains seven other boxes. [illegible]
The Pneumatic Dispatch is [illegible] to your order. The six smaller boxes are as follows - La Nature Paris. Cosmos de Paris - Nature London - The Telegraph [illegible] London - Journal of Telegraph Engineers.
Industrielle Belge Brussels Belgium.
Will you please forward the two first [illegible] and the one to Brussels [illegible] and have those for London delivered [illegible] persons and publishers.

Yours truly
A. E. Beach

July 4th

Dear Sir

Thompson

Telephone

2

Telephone

to charge at rounds five dollars [illegible]
[illegible] station. This shall give you [illegible]
[illegible] as to what profit you can [illegible]
[illegible] first class parties [illegible]
and upholding my interests in [illegible]
and all infringements of the Co[illegible]
[illegible] in the most [illegible]
and decided manner. Col. No. 6 [illegible]
No 6 Cornhill St London is my agent [illegible]
Operations. This Cable [illegible]
Company interests. Address Co[illegible]
of Col. [illegible] Bell No 7 Rue de la Bo[illegible]
Paris. The Hughes Microphone [illegible]
is not an articulating telephone [illegible]
[illegible] and [illegible] [illegible]
[illegible] worked fully together [illegible]
[illegible] in order to make the Co[illegible]
[illegible] a success. I will give [illegible]
and Mr. R. R. Brown the exclusive [illegible]
to represent me [illegible]
China and Japan and will not [illegible]
[illegible] arrangement of that district.

(8)

Telephone

[illegible] to those [illegible] providing you for [illegible]
[illegible] is lots & lots & lots of money and provide
those that you [illegible] on [illegible] [illegible] to
[illegible] and [illegible] of reasonable
[illegible] meaning, to [illegible] [illegible] the
a member of [illegible] for this [illegible]
and had the [illegible] in the shape
[illegible] seconds, [illegible] the age, it would
now be found in the [illegible] and Jefferson
[illegible] the [illegible] Telephones [illegible]
[illegible] introduced in those [illegible] but
undoubted superiority to [illegible]
of the Carbon Telephone with [illegible]
[illegible]
[illegible]
[illegible]
I will [illegible]
Conversation [illegible] Telephone [illegible]
[illegible] I [illegible] not to
[illegible] Telephone
[illegible]

Jan 1

Mr. Vesay
Paris

Dear Sir

I wrote to you in my last letter to you regarding the shipment of Rifles to Colyer & Fowler that I did not want the guns sent to him one for Lord Clyde and the other for Lord Napier but with instructions to Fowler to see Colyer & tell him to look after them & see that they were properly addressed &c &c

Yours
H R H

Jay St

Mr. Jennings
N.Y.
Dear Sir

[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
to meet the cases

Yours
H. R. Ex

319

(1C) Made
N.Y.
Long distance telephone
H. Carbon pencil
T. A. Edison
per A

[illegible]

[illegible]

Your statement
[illegible]
[illegible] — Mr
[illegible] E. Edison
[illegible] Edwards
[illegible]
[illegible] & cmo
[illegible]

Yours truly
T. A. Edison
per Commer

No. 3

Office of the
Paris

Dear Sir,

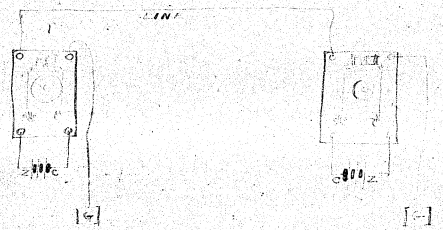
Yours of the 8th relative to Phonograph Clocks was duly rec'd. I know the largest Clock Companies in America are already making that Clock.

In regard to its use in France, I will have to refer to My Agent Mr. Theo Vienne with whom I no doubt you are acquainted. Any arrangements you may make with him will have my hearty support.

Very Truly
W. A. Edison

May 30

Instructions for setting up No 1 & 2 telephones



Leave switch on left hand side button on and off by pressing the key a minute or two.

After getting connection on Line to the right hand side button and to it on the [illegible] with one other phone & the line

After this have finished talking do same as at Point on the RH side.

Use Mr Cox overhead wire and also one of the two wires. Also the iron one is and part of the wire 60 Chains. Test of wire very short here (?) then [illegible] overhead wire

Mr C Rose [illegible]

Aug 2

Geo. E. Dottage Esq

Dear Sir

Enclosed you
[illegible] a pamphlet
[illegible] Lad. The Phonograph Letter-Box
[illegible] the Phonograph – by so doing
[illegible] will oblige a favor on your
[illegible] Respectfully

Contract 8

West Coke & Pig Iron Co.

Hinton, W.V.

Gentlemen,

We send us

1 one piece 1½ inch 25 feet long with one end square and joint on the other.

1 one piece 1½ inch 1 foot one and twenty inches long with joint and T joint on the other.

1 one piece 1½ inch (1 foot 10 inches) four and one inch long square at both ends.

1 one piece 1½ inch (1 foot one and one inch long square at both ends

1 one piece 1½ inch (1 foot 6 inches) one and one inch long square at both

both ends.

1 ea. nice 1½ inc (4½ [illegible]) [illegible] [illegible] and screwed at both ends

2 nice elbows for 1½ inc

1 ea. tee for 1½ inc

W. J. R.

Respecting your
ever A. Edison

Send by P.R.R. freight per P
and oblige

[illegible]

[illegible]

Dear Sir

Shipped you today
2 two Telephones [illegible]
1 [illegible] pressure relay [illegible]
1 [illegible] carbon rheostat [illegible]
The two [illegible] carried [illegible]
end of telephones.
The carbon resistance [illegible]
from 10 to 2500 or 3000 ohms
You will find the [illegible]
black [illegible] carefully
[illegible]

Yours respectfully
[illegible]

[illegible]

Aug 8 '5

August Brentano Jr
N.Y.

Dear Sir,
Copy of the 9th
inst. to E. Reeder contains
the Sub. Materia, Eng Mechanics
Engineer & Engineering until
further notice, and follows send
Bill for same at the
end of the month.

Very Truly
G. A. Ellis

Aug 8 8

Col Geo E Gouraud
London Eng

Dear Sir.

We ship you this day two (2) boxes. The smaller one heavier one to be delivered to Mr Pullman Complete. The larger one contains four (4) Complete Telephone Stations two of which are for you and two (2) for Mr Pullman.

As I anticipate Mr Adams will put them all up I have mailed him full directions regarding them.

Very Truly
T. A. Edison

Aug 10th 8

C.
Franco

Dear Sir

Your favor of the 7th
alt was duly rec'd. The press
is in the hands of Prof. Hunt
is in New York. It
are perfectly a. cu
to [illegible] It will be
the [illegible] to you but we
not a [illegible] and [illegible]
know

Very truly
T. A. Edison

Aug 14 [illegible]

Messrs Crowell & Co.
Newark N.J.

Gentlemen

[illegible]

Check [illegible] to which
[illegible] to Mr Cream Crackel.
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]
[illegible]

Very truly
Chas [illegible]
per G

Aug 16th 8

Wm Freeman Esq
Dear Sir

Enclosed please find Mr Batchelor's check for one hundred dollars. Return please at Mr Edison's [illegible] around home [illegible] Devil send your [illegible]

Yours Truly
Upton Sinclair

Aug 16

Mr C A DeHart
Newark N J

Dear Sir
Enclosed please
find check for $2.75 which
please credit to my account
and acknowledge receipt
Very truly
J M O[illegible]

Aug 10 8

Wm. Jas. R. Carr Esq.
Nashua N.H.

Dear Sir

Your favor of the [illegible] was duly rec'd. The Electric Governor of which you write and send diagram have not used any regulators for several months [illegible] I have answered the purpose admirably. The double [illegible] set of belts by Fairbanks Company, and other [illegible] Governors, Current [illegible] number [illegible] one and all expressed themselves as satisfied that it would do all that is claimed for it.

Very Truly
[illegible]

Carrollton

Aug 20 8

Geo E Nottage Esq
London Engd

Dear Sir

I send by todays steamer a phonograph addressed to the London Phonograph Co. which I hope will reach you in good time and in good order.

Very truly
F. A. Gilmain
for G

340

Aug 20

Theo Vail Esq
Paris

Dear Sir. Please call on Col Geo E Gouraud London for One Phonograph which goes by Steamer today.

Very truly
T. A. Edison
per W

875

Aug 20 8

James Adams
Esq
Dear Sir

I send today to Col Geo E Gourrau One phono for Mrs Ruder. I have also notified the Lady of this shipment.

I also send by this mail Prescotts Mind work a duplicate of which I sent you some time ago

Very Truly
W. D. Ellison

Aug 27 8

Messrs Munn & Co
New York

Gentlemen. Please send me
six (6) Cut of the Phonometer
six (6) " " " Carbon Rheostat
six (6) " " " Harmonic Engine
six (6) " " " Megaphone

Please acknowledge receipt of this order.

Very Truly
T. A. Edison

Aug 27

Dear Sir

Your favor of the 1st inst was duly recd. I cannot understand what you mean by "what the business has been settled up long ago." I pass over all amounts which are and square up the account

Very truly
T. A. Edison

Alex Morton Esq
London Engd

Aug 29 8

Messrs Manne & Co
N.Y.
Gentlemen
Enclosed please find
Check for $[illegible]
Dollars ($[illegible]) Please place it
to my Credit and acknowledge
receipt
Very truly
J. H. Collins

Aug 30 8

Messrs Munn & Co
NY

Gentlemen

Enclosed please
find Chas Batchelor's Ch
for Eighteen dollars ($18)
Please place to my
Credit and acknowledge
receipt

Very truly
D A Edison

May 20 8

Geo W Vanness Esq
Newark N J.
Dear Sir
Enclosed please
find Chas Batchelors
check for seventy five
dollars (75) which please
place to my credit and
acknowledge receipt
Very Truly
J. A. Edison

Aug 30 8

Messrs Patrick & Carter
Phila

Gentlemen

Enclosed please find Chas Batchelors check for One hundred dollars $100. which please place to my credit & oblige

Yours Truly
T A Edison

ack. & ledge receipt

Aug 30 8

W H Fraser & Co
N.Y.

Gentlemen Enclosed please
find Chas Batchelors Check
for fifty Eight dollars
and thirty three cents
($58.33) which please place
to my credit and
acknowledge receipt

Very Truly
T. A. Edison

Aug 30 8

I. H. De Vausney
Newark

Dear Sir
Enclosed please find
Chas Balchilaw Check for
forty dollars 40.00 which
please credit me with
and acknowledge receipt
Very Truly
J. A. Edison

Aug 30 8

Wm Stainsby
Newark

Dear Sir
Enclosed please
find the Bachelor
Check for Fifty Dollars (50)
[illegible] to my Credit
a[illegible] [illegible] receipt

Yours Truly
T. A. Edison

Aug 30

Messrs Conklin A & Van W
Newark

Gentlemen

Please send by freight

Sulphuretted wood	2 or 3 cbs
Metallic Sodium	1 lb
Flow Spar	2 lbs

Yours truly
T A Edison

Aug 30th

Mr John R. Beckt Jr. Co.
New York

Gentlemen

Please send per Express
C.O.D. to Menlo Park New Jersey

1 gal Pure Ammonia
1 lb Granulated Zinc (pure)
1 lb Ammonia Sulphide
769 3 flasks 2. 4. 6 oz
836 Doz 5 Evaporating dishes
German porcelain No 1 to 5
Berlin semi porcelain evaporating dish 5 gal
1088 Diam 6 inch 3½ 5 & 5 inch
1 cleaner for test tubes.

Very Truly
T. A. Edison

Also
One bottle Hydrofluosilicic acid

Sept 5th 78 No reply being rec'd to this order, it was duplicated and addressed to J. R. Elmore & Warren St & sent by Express.

Aug 30 8

S Borgman Esq

Dear Sir

Please come up and see me at your earliest convience in regard to making some Telephones

Resp Yours

Chas Batchelor

J C

Manning Foreman

Please fill the following

order for T A Edison

~~40~~ ~~2400~~ ~~3000~~ Shingles

~~600~~ 750 ft siding 12 inches x one inch thick. 16 ft dressed both sides

900 ft Batting

100 Shingle Lath 16 or 18 ft

750 ft white Pine flooring

2 Pieces 27 - 4 x 6

2 " 18 - 4 x 6

24 " 16 - 3 x 4

~~20~~ 24 " 18 - 2 x 8

~~40~~ 48 " 18 - 2 x 4

1 load sand

1 Barrel Lime

20 ~~lb~~ 10. penny nails

Chauncey Dunn
Brown Corkran
Edison

Yours
W. Carmow

Sept 3d 8

Manning Freeman Esq
Metuchen N.J.

Dear Sir.
Enclosed please
find Geo F Bartlett's check
for one hundred dollars
which please place to my
credit and acknowledge
receipt.

Very Truly
T. A. Edison

Sept 4

Geo S Fabs
San Fran

Dear Sir

We send per express this day one Quarter Cask bottles. They are very delicate and cannot be handled by the firing so.

Yours Respy
J. N. Ede

Sept 7 8

Mssrs Condit & Hanson

Gents

In looking over your statement I find a charge on Aug 18 of $1 00 and on aug 28 of .65. I have no bill of these will you please send them. please send bill at the time the goods are bought and oblige

Yours truly,

J A Morrison

per C

Cy, 10-15-75

My Dear Parker,

Please return the letter from Mr Bliss. From what he writes and from information gained from various sources I am convinced to get Belle down to prison. I merely send this for your own information and do not wish you to understand that I place any reliability on that part whereon your name is mentioned.

Very Truly
J. T. A. Edy

Sept 1st 1881

Mr C Fourrier
Paris

Dear Sir

I ship this day a box to your address containing other boxes addressed as follows:
Monsieur Industrie Belge Brussels
Electricité " "
" " London
Engineer " "
Nature Paris
Electricité Paris
together with a package of pamphlets of the above. Please forward the packages to their addresses and oblige

Very Truly
T. A. Edison

Sept 10 '78

Geo. A. Hamilton Esq.

N.Y.

Dear Sir

Thanks for your two letters with telegrams from Gouraud. When convenient please send him the following

W. T.
T.O.C.

Gouraud London

Get copies invoices etc from Bonner and Jensen. The finals received. Telephone patent not yet filed. Will be instrumental only for short writing. Better arrange manufacture in Paris from best model you receive, we can then stop here.

Edison

5/1 11

Dear Sir

Your favour of the 26 c
duly rec'd, also a copy of Court
for which please accept thanks
I noticed the article in Nature
which you desire
to Col. Cox & Gowans Nelson
at London a Minor Jaeger
with a Hunting Arrangement
Containing a dozen Carbon bulbs.
Will you kindly show the Jaeger to John
Browning 63 Strand and if possible
it with them long enough for them to make
measurements take drawings &c so that they
will be able to manufacture them. Also please
give him six of the Carbon bulbs. These
buttons are exceedingly delicate and fragile, and
will not bear touching with the fingers
It is best not to take the Jaeger
apart until you are through

Sept 11 8

Mr John Browning
London
Dear Sir

I send this day to Prof W. F. Barrett a micro Tasimeter and some Carbon buttons. I have asked him to leave the Tasimeter with you long enough for you to take drawings &c so that you can manufacture them. Unfortunately I could not get one ready for you at this shipment as I fully intended and also wrote you.

Very Truly
T. A. Edison

I send herewith drawings for using the telephone with a microphone. I hope will be made clear by go
Very truly
T. A. Edison
Sept 8

Sept 11 [illegible]

L. H. Sewell Esq
New York.

Dear Sir

Shall I make a general preliminary statement on the Telephone for a separate statement on each interference [illegible] A & R. Please [illegible] immediately.

Very Truly
S. O. Edison

Mr. Edison
My

Your favor of the
15th was duly rec'd. I send
the cable
(Please cable me if you prefer)
the following

Yours
rac

Graham London

Send license papers will sign
and forward make it twenty
per cent royalty instead of
profits latter unknown quantity

Edison

Menlo Park N.J.
Sept 16 1881

Geo S Pace Mech. Agency
Chambers Street New York.

Gentlemen

Please send me immediately
(1) one piece of (1 7/16) one inch & seven sixteenths
shafting about 12 or 14 feet in length.
(3) Pillow hangers for same, adjustable, and
(12) twelve inches high from base to centre.
(1) one complete disc coupling —
Also —
(1) one counter shaft (43) forty three inches
long between the hangers & 1½ inches thick
with the following pulleys on viz:—
(2) two (15) fifteen inches in diameter and (3)
three inches face fast to shaft
(2) two (12) twelve inch, (2½) two and half inch face,
fast and loose with collars.
Shipper for 12 inch pulleys only
Please ship immediately by S P & P
Freight and put them home at your
lowest possible price

Respectfully Yours
Thos A Edison
per Batchelor

Cancelled

[illegible]

Petition bill by George
Sept 17th 78

Mayor & Council Hawera

Gentlemen

Please send [illegible]

10 lbs Common Cinchona
3 " Sulphate of Iron
1 " Cinnamon [illegible]
½ " Mason [illegible]
½ oz Platinic
2 " Caustic potash
2 lbs Ammonia [illegible]
1 " Acetate [illegible]
1 Bottle Sulphuric acid pure [illegible]
1 " Nitric " pure sp. gr. [illegible]
1 " " " pure [illegible]
1 " " " pure
1 " Hydrochloric " "
1 " " " " [illegible]
1 " Hydrofluoric "

Yours faithfully
[illegible]

(C)

Sept 19th

Dear Sir

I received your letter of the 7th inst. on the 9th. I was disappointed in not being able to send you a reply in the post of the 9th. I forwarded to my Brother agent a bill of lading. He will then send the bill of lading, with the invoice, which I have not received, to the Commercial Agents during the last part of August. I have asked the bill merchant will receive me today or tomorrow and I will lose no time in having it packed and forwarded to your address.

Private Prop[illegible] to allow me to draw on you for the balance which I [illegible] will have to pay you on account of commission and private Carbon dioxide. I do not [illegible] to receive any report on the matter [illegible] and as I [illegible] for the tank which I send you and for any instrument that you [illegible] of your [illegible]

[illegible]

2)

I should not be surprised. As soon the contracts are completed and we take place in manufacturing all your many inventions at any time. The Tasimeter was made in my laboratory which you will find when you is not a manufacturing the Machine shop is merely confined to small models. I mention this to avoid your having high expectations in this direction.

Very truly

Mr. J. Browning Esq.
London

Thomas. A. Edison

Sept. 23

Messrs Richter & Tufts
N.Y.

Gentlemen

I wish to get a table which your Mr C. W. Otten showed me a few days ago the price of which was $42 and [illegible] please find that amount & please wrap well and send by Penna R.R. to this place

Very truly
T. A. Edison

1 Library table green cloth
Cloth # L 824

085

Sept. 22

John J. Crooke
163 Mulberry st Newyork

Dear Sir

Enclosed please find sample of the foil. Please send me fifty pounds the same thickness and quality and cut ten inches square.

Very Truly
[illegible]

Sept. 24 8

Aug Brentano Jr
NY

Dear Sir

Can you send me a copy of La Nature of July 20th 78 and a copy of Engineering July 19th 78 - I know not on I know not please send for them I want them as soon as possible. Please reply

Yours Truly
T A Edison

cf 27 8

P. Naugient Esq

Dear Sir.

Please send the following order to T A Edison Menlo Park N J soon as possible

8 Brass cocks the following sizes

1/32 in diameter		one
1/16	"	"
1/8	"	"
1/32	"	"
1/8	"	"
1/16	"	"
1/8	"	"
1/8	"	"

Yours Respy
T A Edison
N. C.

Sept 27

My Dear Governor

Will you do me the kindness to purchase from Thos Fletcher Museum st Warrington the articles mentioned below and have shipped as soon as possible. They are described in circular No 20 June 1878

One small laboratory furnace (fig 11) price 40s

One Injector Gas furnace (fig 17) price 40s. Say to Mr Fletcher I use gasoline which has little power.

Very Truly
T. A. Edison

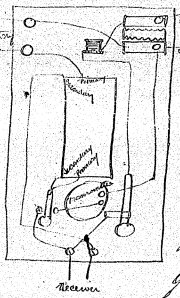
Sept 21 '8

J. H. Bodger.
Montreal

Dear Sir. I think I can get twelve hundred dollars if you will turn over the contract and allow me two hundred dollars commission

Yours Truly
T. A. Edison
per G.

Thos. Adams Esq.
Paris France



This is the connection for the two telephone brackets I send you today made by W. O. Eddy Co. They are without receiver. You must use any you have got for them.

What style do you wing and having made in France?

Yours
Chas. Batchelor

Mr. Parker Esq.

Paris, France.

Dear Sir,

I seen you today a telephone bracket without receiver, in care of Col. Gouraud of London. The instrument is the form of Crossbar telephone as made by the Western Electric Mfg Co of Chicago and can be procured from them for the asked, delivered on a bracket in New York. I have notified Mr Bennett of the shipment also sent him a diagram of the connections.

Very truly Yours
Chas. Batchelor

Sept 30th

Col. G. B. Gonrau
6 Lombard Street
London E.C.

Dear Sir

I send you two (2) Telephone brackets without wires, made by the Western Electric Mfg Co. of Chicago one for yourself, the other for Mr Stocker. If you should like the sets they can be procured from the W.E. Mfg Co at $[illegible] each, delivered on board in New York. Hope soon receive notice of their shipment also diagram of their connections.

Very truly yours
Chas Batchelor
Asst

P.S. We also enclose a Microtasimeter & to be delivered to John Mercuring

Oct 2 8

A B Simons

Dear Sir

Enclosed find
$20. in full for House account
please send receipt —

Please send me piece of tin 30
inches wide and 18 feet long
soldered together

Yours

Oct 3 8

C A Dehart Esq

Dear Sir

~~Your~~ statement received wherein you give us Cr for 21 ℔ Coating at 1/2 ct per ℔ please correct this and give us Cr for 21 ℔ at 7.¢ 1.47 as it was your mistake and not ours

Yours truly
T A Edison
per Carman

(C)

Oct 31st 5

Dear Lowrey.

Go ahead and shall agree to nothing, promise nothing and say nothing to any person leaving the whole matter to you. All I want at present is to be provided with funds to push the light rapidly.

Yours

T. A. Edison

Oct 4th 8

Col Geo E Gouraud
London

Dear Sir

Your telegram of yesterday's date was duly rec'd. I hardly understand what you mean by "twenty transmitters only". The W.E. Mfg Co are making a very good bracket without receiver. I sent you a sample about a week ago. And you must require coils also. I have ordered twenty more of the above to which I will ship you in a few days. They furnish this instrument for $14. The new receiver is not quite ready for the market. It will be 3 or 4 times louder than any magnet and goes so far away from Bell or any one else that no question can be raised as regards infringement of patents.

Very Truly

T. A. Edison

Oct 4

My Dear Pinchot

The parties who manufacture and furnish the Phonograph Company in N.Y. with foil have been experimenting for some time to get something superior to that which has been used heretofore. They have finally produced an article which is faultless and the Phono Co have just ordered a ton from them. This foil does not scratch, and the instrument works infinitely better than ever before. I thought perhaps you might want to try it and if so please say what dimensions and what quantity you would like.

Very Truly

T.A.Edison

Oct 4 8

My Dear Pucker

The firm of L. G. Tillotson & Co in N.Y. dealers in R.R. and Telegraph supplies and who are manufacturing the Carbon telephone for the Western Union Tel Co have had an opportunity to sell a large number of telephones to go to Spain. They have written me in regard to it and I have informed them that I would communicate with you on the subject and see if any arrangement could be made with you. If you will please write me on this matter I will be obliged.

Very Truly
T. A. Edison

(C)

Menlo Park N.J. Oct 5th 1879

My Dear Puskas

I take pleasure in acknowledging the receipt of your favor of the 23rd ult and the accompanying documents. Am translating them by the aid of a dictionary. Will return them to you by the first steamer which I think sails Wednesday Oct 9th. They will go on one of the Friend line and will I think, just reach you in time and that is all.

Regarding the phono receipts, I think 1/2 would be a fair division.

I take pleasure in informing you that I have discovered a new telephone receiver in which no magnet is used. It reproduces the voice in normal tones better than any magnetic receiver. Whispering is reproduced so as to be heard one foot away from the receiver.

The electric light is going to be a great success.

I have something entirely new. Wm H Vanderbilt and friends have taken it in this country, and on Monday next advance $50,000 to conduct experiments.

I retain 1/2 half of the Capital stock & they are to form and also receive a royalty of $30,000 yearly if it proves more economical than Gas which I am certain it will do. Vanderbilt is the largest Gas stock owner in America.

Carbon telephones great success here. I furnish 200 Carbon buttons daily to manufacturing firms being engaged making them for the Western Union

I propose to send you through Governor a sample of each kind. I do not send them direct for fear of the French patent law on the subject of imported articles patented in France.

Very truly

Thomas A. Edison.

(C)

Oct 8 8

Geo G Ward Esq
NY

Dear Sir
Thanks for telegram from Gourand. Cliché transmitter the following as soon as convenient

Gourand London
Say nothing publicity at light. Let them go ahead. I have on correct principle requires six months to work up details. Go men here heavily going in with me. Twenty telephones on Seventeenth. Don't wait for new things go ahead on what you have, sample new receiver be sent [illegible]

Edison

Oct 4 8

T. A. Badger Esq
Montreal

Dear Sir

Your offer in acceptance will be release and cash as soon as formal is drawn by by Counsel.

Very Truly
T. A. Edison

No. 9

Hon. Theodore Roosevelt
New York

Dear Sir:

I understand that the President of the Phono Co. says that I am not entitled to any royalty on phono exhibitions. I shall be glad to be informed of this decision officially.

Very truly,
T. A. Edison

888

(C)

Oct 7 8

Geo H Bliss Esq
Chicago Ill

Dear Sir
Clent Stager informs me that the W.E. Mfg Co have plenty of pens in stock but that they will not let them go except for cash and complaining that you are behind in payments and that is the whole trouble. I hope this can be fixed up otherwise the business is ruined. Pucker will transfer me on the 28th of this month $8,000 of which deducting some expenses I suppose 7/9th will be yours. Will notify you when it is read and you can draw at sight.

Very Truly
R.A. Emerson

100

Oct 10 8

Messrs Condit Hanson & Van Winkle
Newark N.J.

Dear Sirs

Your favor of the 8th has just been received. Please send me one of the Weston Dynamo electric machines upon terms and conditions mentioned.

Very Truly
C. A. Chase

Oct. 11 8

Manning Kennan
Dear Sir
Please send
the following order to T. A. Edison
soon as convenient
5 Bundle Shingle Lath
300 ft Prime Flooring (same kind as before)
1200 ft ceiling Boards

Yours
Wm Carman

Oct 74

G. G. Ward Esq
N.Y.

Dear Sir

When convenient please transmit the following Telegram

Very Truly
T. A. Edison

Gouraud London

Oppose injunction on ground patent void account previous publicity. If they beat us dont matter in least. Supply new receivers without magnets be sent you soon. They are infinitely superior to anything yet discovered

Edison

(C)

Oct 17 8

My Dear Mr Roosevelt.

You know that Painter and Johnson were the parties who first dealt with me on the Phonograph Matter and I am in duty bound to ask them if they are satisfied that I should make changes in the contract as proposed, For myself I do not see but that it is all right and fair to all but still I should like to submit the revised contract to both Painter & Johnson before doing anything in the matter,

Regarding the Toy contract that is another matter, because I am not under obligations to them in this respect, and I see no reason why you should not personally buy Harris out, But of course if the Phonograph Co Claim that the small machine of Harris is not a toy then I have no right to say to you that you may pay Russell ten cents on each

(2)

neither have I anything to do with the amount you pay Harris. Because that is a private matter between you and him,

I enclose you a letter somewhat changed to see if it will satisfy you and accomplish the object you have in hand. If not I will try and alter it as far as I can with justice to myself;

Yours
Thomas A Edison

(C)

Oct 17

E B Welch Esq

Dear Sir.

Where was the Consideration, I had to pay Withrow his whole bill and the thing was a failure, a man cannot sell what isn't worth. I have sold out to the Western Union what interest I had if any. They knowing your contract, You must look to them

Yours T. A. Edison

(C)

Menlo Park N.J. Oct 14. 78

Hilborne L. Roosevelt Esq
N.Y.

Dear Sir

In the matter of the Tony contract I am willing you should take one half interest with Mr Q Russell on the following conditions: You must furnish the necessary capital and take the business management and Mr Russell must assist you as far as possible. There must be no clashing between yourselves and the phono-graph Company. I will waive the matter of the payment of $600 annually as a minimum sum for royalty for two years from the date hereof in consideration of your paying the twenty per cent royalty on the selling price of the tops instead of ten per cent, but at the expiration of the two years the $600 clause will again become operative but the royalty shall be reduced to ten per cent, the above to be put in legal shape. Mr Russell is to allow you to take in partners if you so requires. The experiments in tops must be paid by you.

Very Truly

(C)

Menlo Park N.J. Oct 14. 78

My Dear Gourand

Recd Adams Cable desired tonight about Bell people putting on injunction on our receiver with magnet. I cannot see how his patent can be maintained because the invention as shown in his patent is not the one he uses at one in the patent being inoperative. However it is perhaps best that Bells patent be sustained because if left open to the public it might damage us: The new receiver removes all question of patent rights in any country, I have several here in operation but am waiting to see if there are any defects before telling you. The moment I am satisfied on this point they will go forward. The new receiver is such an improvement in telephony that you will be astonished. Patched last night Whispering when 15 feet distant from the receiver. Ordinary conversation comes out as loud as originally spoken, and but one cell of Callan battery is required. Intend to use it with Carbon transmitter, and this receiver we have control of telephony for the future, so be careful.

Electric Light. You know I told you I had spoke you in with some st[illegible] Light is you will be [illegible]

can make no arrangements as I am committed to parties here. In this Country W. H. Vanderbilt and friends have taken it advancing $50,000 cash to experiment with and giving me ⅓ of the stock of the Co besides paying a royalty of $5,000 yearly. I am having fine success with the Experiments. Am putting in a 50 H. P. Engine and lot of electric machines for experimenting.

British patent was sent last week.

Private. Partics after the light in England are J. P. Morgan, Reid the English Naval constructor in connection here with Cauney & Dupeur and Col Lane, and Emil Erlanger Paris (Banker) who build. The information is private. Please understand that in any arrangement I make, you are to be in because I consider you as my representative here.

Have seen no papers as yet about Alphonso. Central System here is a gone concern.

Very Truly, T. A. Edison

Menlo Park N.J. Oct 14. 78

My Dear Pucks

Money $900 received by Cornell Saturday. Patents go forward next Thursday. It will be necessary to take two, if not three of patents. The first set will contain the germ principle with appearance that is crude but imperfect. I cannot delay the patents to perfect the system because once the principle issued I am safe from the effect of publicity. The second set of patents will have to be obtained when the apparatus has reached a stage where several hundreds are shown at once in operation and perhaps a final set, but it is possible that only two sets will be necessary. The first set will cost from 12 to $1500. The arrangement with Vanderbilt is closed up and they have paid in their money. No one but myself and I have anything to do with the light on the Continent. Emile Erlanger of the Paris Banker came here to secure light and they came here to see I referred them to you. My impression is that I can make my system a great success so do not commit yourself without submitting terms to me.

Very Truly
T. A. Edison

Oct 14

Messrs Condit Hamson & Vaull
Newark N J.

Dear Sirs

Your favor of the 12th just rec'd. Please send one Countershaft as mentioned, 12 inch machine 6 in face and loose pulleys and 12 in drive with shifter.

Very Truly
T. A. Edison

Oct 14 8

Messrs Wallace & Doan
Ansonia Conn

Dear Sirs
Enclosed please
find G P Lowrey's check for
Seven hundred and fifty
Dollars ($750) which please
place to my credit and
acknowledge receipt.
Very Truly
G. A. Ellison

October 11, 8

Messrs Williams & Plume
Cento

By referring to your
bill to me of July 26 you will find a charge
for ½ doz scrap Books at $6 ——
Please send me four (100) one hundred
of these style by return mail and
oblige

Yours truly
H A Brown
for Cannon

October 15

Geo B. Scott Esq
Supt Gold & Stock Telg Co
Dear Sir

Your favor of Oct 10. received in regard to enclosed bill. The bill is for my cost of the apparatus (would use) for making the Carbon button which I think the Company should pay for

Yours truly
Thos A Edison
per Coman

Oct 15 ?

Lemuel W Serrell Esq
NY

Dear Sir

Referring to your favor of the 14th relative to the annuity on my German patent No 12,34 Please pay the amount (twenty dollars) and charge my account.

Very Truly
T. A. Edison

Oct 16 8

Lehigh Coal Co
New York

Gentlemen

Upon what terms will you deliver to me at this place Eighty four (84) tons of Honeybrook Coal egg size. An early reply will be appreciated.

Very Truly
Thos A Edison

Oct 16 8

D T Arocemena Esq
New York

Dear Sir

Your favor of this date is just at hand. I can make no arrangements about exhibiting the photographs in Mexico, other than to sell you an instrument.

I can furnish the instrument so the foil and put it in a case double franched for sea voyage for One hundred & ten dollars ($110.00) delivered in New York

Very Truly
I G. A. Cohrs

Oct 16th 8

Dear Badger

Yours of the 15th just rec'd. The documents you refer to will reach you soon.

I am working at the electric light have made sufficient progress to have sold the U.S. & Canadian right for a royal sum. Am now negotiating with parties in regard to England.

Very Truly
T. A. Edison

Oct 16th 8

Hon Geo Walker
New York

Dear Sir
F. H. Badger of Montreal writes me to send the documents along. I think this matter should be attended to as he may change his mind.

Yours Truly
R. U. Cain

Oct 17th

S. Bergman & Co.
Newby, N.

Dear Sir

I send you the two telephones back. I have examined one of the transmitters and altered it slightly inside, & a good loud transmitter, and I would like them all to be as loud as that. I think it is necessary to have the diaphragm as that I ordered in the first case, but as you needed have sounds [illegible] you an order to set one of the telephones [illegible] the Office, so that you can see the [illegible] of the diaphragm as we. These small letters have the large one [illegible]. I am sorry to [illegible] the trouble but I mention [illegible]

fact I am sure when first giving the order. I do not like the adjustment on your transmitter as well as some others. If you could adjust without taking every thing out of place it would be better as it is, it is a great trouble, although I know after getting it right the first time it will not want adjusting again. I think the thinnest platinum foil you can cut thick cut only $\frac{1}{32}$ wide is best connection for top brass plate in transmitter. I do not like the copper wire

Yours truly

Chas Batchelor

Oct 17

J. U. Mackenzie Esq
New York
26 Broadway

Dear Sir

Mr Bergman is making an foreign telephone and I said him I have one of your telephones from you for a few days. Please let him have one as I have not one here for him

Yours

T. A. Edison
per Batchelor

(C)

Theo Puskas Esq
Paris

Oct 17. 87

Dear Sir:

I cabled you on the 15th inst as follows

"Puskas. Paris. Dont commit yourself about light without consulting me."
Edison

Since I communicated with you last some months some in this country have engaged with me for the purpose of developing and perfecting in the highest degree the Electric light, and with that in view have obtained the requisite capital for that purpose as I have already informed you. By this means I hope to avoid concluding any definite arrangements with any persons in Europe for the use of the light to be which to exhibit previously, what it can do and for that reason I am desirous that nothing should be concluded for the present, or until I have given you definite instructions on the subject. In the meantime my friends Messrs Drexel Morgan & Co of this city (being among the parties who have invested in the Edison here) have intimated to me that Mr Morgan of their house in this city is at the present time willing to confer with you personally [illegible] Done with the [illegible] Company [illegible]

glad if you will put yourself in communication with Mr Harries upon this subject, and meanwhile do nothing tending to commit either yourself or me until we have completed entirely our demonstrations of the light here and not. I have given you further instructions—

Yours very Truly
T. A. Edison
per Info.

Oct 18

Alex J Hassall Esq
New York

Dear Sir,

Mr Bailey of the Phone Co has referred your letter to me. Do you want a phonograph for shipment to the Bahamas? If so please let me know. I have one I had packed which I had intended for New Zealand but can let you have it if you are desirous of purchasing.

Complete $110 –

Yours truly
G. A. Ed

Oct 19 — 78

A Solomon Esq
Dunedin New Zealand

Dear Sir

Messrs Munn & Co have referred your letter regarding the phonograph to me. I will send you a phonograph with seventy pounds of tin foil, and all necessary appliances, and full instructions for working the same, securely xxx packed for twenty five pounds (£25). This instrument will be shipped inside of ten days. Please mail draft for above amount.

Very Truly

Thomas A Edison

Oct 19 8

Messrs Turbomy & Co
Gents

Please send me
a bid on the following order immediately
24 window frames and sashes for same
4 lights in each sash lights 14 x 21 Inch Glazed
with ropes weights and fastenings for
same
One door upper half glazed 7 ft 6 in high
1 3/4 inches thick 3 feet wide
1 Double door 4 ft opening 7 ft 6 in high
1 3/4 inches thick

Yours truly
Thos A Edison
for Carman

Oct 19 8

Barnes & Evans
Gents

Please send me the
bid on the following order
24 window frames and sashes for same
4 lights in each sash lights 14 x 21 Inch
glazed with ropes weights and fastenings
one door upper half glazed 7 ft 6 in high 1 3/4
thick 3 ft wide
1 Double door for 4 ft opening 7 ft 6 in high
1 3/4 inch thick
Send me the figures immediately

Yours truly
Thos A Edison
for Carman

Oct 19 8

Geo Place Machinery Agency
Chambers St New York

Gentlemen

Please give me the lowest price on the following.

Shafting

1 length 10 ft 4 in diameter
2 lengths 10 ft each 3 in "
6 " 10 ft " 2½ in "

Hangers

(3) Three (double braced cast iron) for 4 in shaft
(2) two " " " " " 3 "
(6) six " " " " " 2½ "

Pulleys

(1) One to fit 4 in shaft and have 25 inch face.

These pulleys can be either solid or cast iron boxes without Babbitt metal or wooden or their equal.

Very Truly
T. A. Edison
per Rockwell

Oct 19 8

Messrs Sellers & Co
Philadelphia

Dear Sirs

Please give your prices for the following.

Shafting

1 length 10 ft 4 in diameter
2 lengths 10 ft each 3 in "
6 " 10 ft " 2½ " "

Hangers

(3) Three (double braced cast iron) for 4 in shaft
(2) two " " " " " 3 " "
(6) six " " " " " 2½ " "

Pulleys

(1) One to fit 4 in shaft and have 25 inch face. These hangers can be cast iron boxes without Babbitt metal.

Very Truly
T. A. Edison

C

Menlo Park N J Oct 21, 1875

Grosvenor P. Lowrey Esq
New York

Dear Sir

Perhaps you may remember in the matter of the Quadruplex suit a claim of Mr E. B. Welch of Boston to some interest in that invention. His letters and the contract on which he based his claim of title appear in the records of the above named suit. He has been sending me threatening letters, copies of the two last received of which I send you herewith. The experiments in which he claims to be interested were relative to duplex telegraphy and were not successful. The expenses were all borne by me. Of course you understand the W.U. Co own all of that class of inventions with which my name has been connected. Will you please look into the matter and see if Mr Welch has a valid claim against me and oblige,

Very Truly,
Thos A. Edison

Oct 21st 8

Messr. Wallace & Co.
New York.

Gentlemen

Please ~~to~~ give
bearer (100 lbs) one hundred
pounds of (No 8) number eight
cotton covered copper wire
And (25) twenty five pounds
of (No 3) number three cotton
covered copper wire
The covering can be very
light, and it is not absolutely
necessary that the No 3 shall
be covered at all.
If you have not No 8, No 9 will
do.

Yours truly
Thos A Edison
per Batchelor

Menlo Park N J Oct 22 76

Messrs Williams & Blum
Newark N.J.

Gentlemen

Please send me at your earliest convenience,

2 sozen sheets blotting paper (not rolled up)
2 Common inkstands (glass) 110 to each
1 Boxwood rule 18 inch
1 Box rubber bands as per sample
6 Balls cord " " "
1 doz No 5 Faber pencils
1 Ruse letter paper same size as sample enclosed and quality as per sample sent a few days ago the price you state will be $2.50 per 1000 in pads. Please put only 300 sheets in a pad. Have printed heading.
20 pads inferior paper, size as per sample (no printed heading) for lead pencil use 100 sheets in each pad.

Very Truly
T. A. Edison
per G

Oct. 21 8

Manning Freeman

Dear Sir

Please send down by one of the teams 3 drain tile
half 3 inch
One 4 inch
One 6 inch } made measurement
would like to have them immediately

Yours truly
T A Edison
per Carman

Oct 28

Messrs Cromwell & Co
Leeds

Please send by
freight 1 bar of 2 inch round wrought
iron – as soon as possible

Oct 22d 8

Dennis Noonan Esq
New York
Dear Sir

Please send me
One Keg 10 penny
One Keg 30 " nails
by Penna R R

Very Truly
Chas Batchelor
per G

Oct 22d 8

Dear Sir

I am in receipt of your favor of the 9th inst. The suggestion made by you meets my approval. As soon as the details are worked out I will write a pamphlet on the Electric light and send you the manuscript in advance of publication here.

Very Truly
T. A. Edison
per G

Messrs Simpson Crew & Co
London Engd

Oct 22d '8

Felipe Forlieno E.E.
Wash'n D.C.

Dear Sir

Your favor of the 20th was duly rec'd. If you will take instruments of my invention and keep them on sale six months and then show a satisfactory exhibit of sales I will give you the exclusive agency for those inventions not already sold or assigned.

Very Truly
T. A. Edison

Oct 23d 8

Mr E.P. Hampson
New York

Dear Sir

We wish to know immediately at what speed the Brown Engine runs, and what the diameter of the pulley is that is driven by the engine

Very Truly
T. A. Edison

Oct 23d 8

Champion belt Hook Co
New York

Gentlemen

Please send me a circular of your device for belt hooks with apparatus for fastening

Very Truly
T. A. Edison

Oct 23d

The Place Machinery Agency
N.Y.

Dear Sirs

We have not been the size of the 20th face but yet but will ascertain & write you in regard to it. Please give us a plain Couplings as we think the price of the Collins Couplings very high. The hangers on page 13 of your Catalogue are suitable but I should prefer solid cast iron bearings instead of Babbitt Metal. What is your discount on double belt 24 inch wide. shall want about 70 feet.

T. A. Edison
per Batchelor

Oct 25d

Henry D Plimsoll Esq
New York

Dear Sir

Your favor of the 21st with introductory letter from Mr Reiff was duly rec'd. I am at present working nights and sleeping during the day and am so busily engaged that for the present I cannot make an appointment. And besides I have transferred my interests in the electric light to a Co in New York. It is not my intention to meet the public in a business way with this invention.

Very Truly
T. A. Edison

Oct 23d 8

Salamander Fire Brick works
Woodbridge N.J.

Gentlemen:

Please deliver at my laboratory Menlo Park at your earliest convenience twelve hundred fire brick (No 2) at the price named to Mr Griffin who spoke to you a few days ago in relation to the matter.
Also two barrels of fire clay.

Very Truly
T. A. Edison

Oct 23d 8

Mr E P Hampton
New York

Dear Sir,
Mr Edison says he cannot pay $160 for the two stack as he considers it entirely too much and knows he can do better. Please do not send it until further notice

Very Truly
A. L. Griffin

Note
Upon learning that a new stack would cost $82 I notified Hampton to disregard above letter.
S.L.G.

Oct 23 5.

Manning Freeman
Dear Sir
Please send
down soon as convenient
20 Sheathing Boards same as before
200 feet pine flooring
12 Pieces 2 x 3 — 14 ft Spruce

Yours truly
J A Edrom
for C

444

Copy

Oct 23rd 8

To T. Lowery Esq
N.Y.

Dear Sir,

Mr Edison has been confined to his bed all day, is suffering from neuralgia in the facial nerves. He has great difficulty in reading your communication. He requests me to say that it is doubtful if he will be able to go to N.Y. tomorrow but he will do so if possible.

Regarding the Wheels and Wilson application he says he very much prefers making his first exhibit of the light at Menlo Park.

Very Truly
A. R. Tuffin

Oct 23rd 8

Geo. M. Caldwell Esq.

39 Walnut St Newark N.J.

Dear Sir, We have bought an 80 horse power Brown engine now running at Boston fair, and when now running it wants to come and work it for $3 per day. We have a Babcock & Wilcox Boiler. We shall use a boiler hand and an assistant engineer of course but we want a good man to look after it & see that things are all O.K.

I have a man wants to take the position for $2.75 per day, if you think I can get your vote I think I could secure it for you at this figure. Let me know immediately

Yours truly

Chas. Stoller

Messrs Hoover Harris & Co
Philadelphia Pa.

Oct 24. 1878

Dear Sirs

Please give us price delivered at this place of the following:

Fourteen (14) beams Yellow pine 7"x9"x 24 feet long
Twenty four (24) " " " 7x9 x 14 feet long
Four (4) " " " 7x9 x 27 feet long
Fifty (50) " Spruce 4x6 x 28 feet long
Six Thousand three hundred and sixty six (6366) feet rough hemlock 1" thick.
Two hundred and seventy (270) running feet of 6x9 gutter, scooped on the 9" side for
Twenty four hundred and four (2404) feet yellow pine flooring 3" wide.

Please inform us when this can be delivered if ordered from you.

Very Truly
Thos A Ellis
per G.

144

Vanderbeck & Sons
Jersey City

Oct 24 1878

Dear Sirs

Please give me Yarice delivered at this place of the following:

Fourteen (14) Beams Yellow pine 7in x 9in x 24 feet long
Twenty four (24) " " " 7 x 9 x 14 feet long
Four (4) " " " 7 x 9 x 27 feet long
Fifty (50) " Spruce — 4 x 6 x 25 feet long
Six thousand three hundred and sixty six (6366) feet rough hemlock 1in thick
Twenty four hundred and four (2404) feet yellow pine flooring 3in wide.
Two hundred and seventy (270) running feet of 6x9 gutter scooped on the 9in side so:

Please say when this can be delivered if orders from you.

Very Truly
T. A. Edison
per G

844

Oct 24 1848
Uncle Perth N.J.

Manning Freeman Esq
Rotterdam N.J.

Dear Sir:- please give us price delivered at our place of the following:

(41) fourteen beams Yellow pine 7"x 9" x 24 feet long
(21) twenty four " " " 7 x 9 x 14 feet long
(4) four " " " 7 x 9 x 27 feet long
(50) fifty beams Spruce 4 x 6 x 28 feet long
(3962) Thirty nine hundred & sixty two feet rough hemlock 1" thick
(2404) twenty four hundred & four feet rough hemlock 1" thick
(2404) twenty four hundred & four feet Yellow pine flooring 3" wide
(270) two hundred & seventy ~~feet~~ running feet of 6 x 9 gutter. scooped on the 9" side so:-

Please inform us when this can be delivered if ordered from you

Very respectfully yours
Thos A Edison
per Batterton

Oct 24 8

Dennis Noonan Esq.
New York

Dear Sir

At what price can you furnish 10 kegs of nails as follows:
6 kegs ten penny
2 " fourty penny
2 " ten penny flooring nails

Oct 22d I wrote to [illegible]
1 Keg 10 penny
1 Keg 30 " nails
I have not rec'd them on the bill.

Yours
Ch[illegible]

Oct 24 3

Messrs Strong & Co
New Brunswick N.J.

Dear Sirs

At what price can you furnish the following:
6 kegs ten penny nails
2 " fourty penny
2 " ten penny flooring nails

Also send price of trunnel bolts

Very Truly
T. A. Edison

(C)

LIBRARY OF CONGRESS

G. L. Lowry Esq

Oct 29. 1878

Referring to the power of attorney which I have given to you under date Oct 17-1878 to sell all my interests in my inventions for Electric light for Great Britain, and to communications in which you have informed me of your proposition to interest an important banking house of New York and their correspondents in Europe to sell those rights in Europe I now have to say that I approve the forming of a joint by you which I understand to be so [illegible] [illegible] you are to select a [illegible] banking house and induce them to undertake the sale of these patents in Europe [illegible] in order that I may have the advantage of their skill, judgment and facilities [illegible] fearing occasion to fear that they may have some ulterior interest different from my own. Leaving you to secure the arrangement properly according to this principle I [illegible] authorize you to retain one half the net proceeds of all compensation which may be [illegible] said patents whether in the form of [illegible] or present compensation or otherwise [illegible] of this you are to satisfy the claim of the banking house and all the [illegible] to leave me after the payment of the [illegible]

of taking out patents and bringing on [illegible]
in disposing of the invention [illegible]
by the neck [illegible]. In such [illegible]
which you may choose, is to be made [illegible]
a partner with me in all respects and to the
fullest extent with all the advantages and
obligations resulting from that relation.
I shall expect upon through your friends
to satisfy my reasonable claim made by Col
Journeau for any services which he may have
rendered, desiring you to be not only just to
him but to save me from any fair cause
of complaint by bringing this to be treated as one of the expenses
of the purpose of making this arrangement
[illegible] against my death or any accident
[illegible] women might (after the Bathing house
on the other side shall have announced to
the public that they are authorized to bring
out this invention) seem to but I am of
their power to keep this promise. I will [illegible]
such further [illegible] or consequences to your-
self and Mr Cajeto P. Fabri is trust to see
and deliver the same in accordance with the
engagements of your substituted attorney on the
other side, [illegible] leave you to negotiate the
minor details of which I have spoken
including the matter of a [illegible] expenses
and for my journey to England [illegible]

the setting up of the light. I will make the
[illegible] Conveyance to the English Company
that I have to the Edison Electric Light
Company of New York in all inventions shall
within five years to be covered without
further consideration than that to be at
present agreed upon and the Company or
Syndicate to have the first option at
[illegible] to be fixed by arbitration for
[illegible] inventions or improvements made
after the expiration of the five years and
allowing the continuance of the [illegible]
[illegible] to me and which will be in force
[illegible] further years.

Yours Truly

Thomas A. Edison

Oct 29th

Geo Place Machy Agency
New York

Gentlemen: Please send us at once the following:—

(1) one (10) ten foot length of (3½) three & a half inch cold rolled shaft

(1) one (2½) two & ½ foot length of (3) three inch ditto

(1) one Collins Coupling to couple the 3½ and 3 lengths.

(1) one Collins Coupling to couple the 3" & a half shaft which is (1 1/16) one inch and eleven sixteenths in diameter

(3) Hangers (30) thirty inch deep for (3½) three & one half inch shaft.

(2) Two Hanger (30) thirty inch deep for (3) three inch shaft

(1) One Pulley (16) forty six inch face for (3½) three & a half shaft

(1) One Pulley (24) twenty four inch diameter (14) fourteen inch face for (3) three inch shaft

2

(1) One Pulley (14) fourteen inch diameter (6) six inch face for (3) three inch shaft

(1) One Pulley (24) twenty four inch diameter and (10) ten inch face for (3) three inch shaft

Also send us one countershaft strong enough for machine that takes (10) ten horse power. This must have (2) two (23) twenty three inch pulleys (fast) (5) five inch face each, and set so that they are (42½) forty two and a half inches from centre to centre of each other, also on same shaft a pair of (15) fifteen inch (fast and loose) pulleys with (6) six inch face each.

Very respectfully yours
Thos. A. Edison
per Batchelor

Oct 7

Buckeye Engine Co
New York

Gentlemen;

Before you let us your engine in my laboratory as you have proposed I would like to have the arrangement be such as to allow you to do it entirely at your own expense. I do not understand if you intend to set up the Buckeye Engine at your own expense in order to make a competitive trial or exhibition with the Engine which I am putting up. If you are willing you should do so with the liberty to you to remove it at any time after if you should not decide to buy it. Do this come.

Please reply.

Very Truly
Thos. A. Edison
per G

Oct 29th

Leonard W. Cornell
New York

Dear Sir

Mr Lawrence T. Evans is duly authorized by me to examine any and all papers in your possession relative to Electric light also any papers which you may have relative to my telephone in France

Very Truly
T. A. Edison

150

October 29

Mesfer Keeney & Snow

Gents Please give me your figures on following orders delivered on Cars at Menlo Park N J

14 Pieces 24 - 7 x 9 yellow Pine
24 " 14 - 7 x 9 " "
4 " 27 - 7 x 9 " "
50 " 28 - 4 x 6 Spruce

4000 feet one inch matched pine boards dressed on one side 10 inch wide

2404 ft one inch hemlock Boards for under floor must be even thickness

2404 ft one inch yellow Pine flooring 3½ inch

175 running ft - 28 ft sticks 6 x 6 yellow Pine
850 " " " 28 " " 6 x 6 " "
300 " " " Gutter 6 x 9 scooped on 9 inch side 20

Yours truly

T A Edison

per [illegible]

October 29

Messrs Dodge & Meigs
Gents

Please give me your figures on following order delivered on Cars at Menlo Park N J

14 Pieces 24 – 7 X 9 Yellow Pine
24 " 14 – 7 X 9 do do
4 " 27 – 7 X 9 do do
50 " 28 – 4 X 6 Spruce
4000 feet 1 inch matched pine boards in one [illegible]
2400 " 1 " Hemlock " for [illegible]
floor must be even thickness
2400 ft 1½ Yellow pine flooring 3½ inches [illegible]
175 Running ft 28 – 6 X 6 Yellow Pine
350 do " 28 — 4 X 6 do do
300 do " of Rattan 6 X 9 accepted on 9 inch side 20

Yours truly
T A Edison
for Carman

Corrected Bill
Send in prices by day

Oct 29 ——— 9

Hamming & Freeman

Dear Sirs

Please send me your prices on following orders delivered on board cars Memphis Park N.J.

1st Pieces	24	7 x 9	yellow Pine	
2d "	14	7 x 9	do	do
4 "	27	7 x 9	do	do
50 "	28	4 x 6	Spruce	do

4000 feet 1 inch matched white pine boards [illegible] on one side 10 inches wide

2400 ft for one inch hemlock boards for roofing [illegible] must be even thickness [illegible]

2400 ft for one inch yellow Pine flooring [illegible]

175 running feet 28 ft clear 6 x 6 yellow pine

550 do do 28 " " Spr 4 x 6 do do

300 do do Butter 6 x 9 [illegible]

the same on one side so

Yours truly

J. A. Robson

McCrimon

Oct 29 8

Mr Ford

Dear Sir

Please give bearer following goods and charge to T A Edison

1 Gross of 3/8 inch No 1 Flat Head wood screws

1 Gross of 1 3/4 inch No 1 flat Head wood screws

12 ft of Iron track as he wants it

2 Bolts

Yours

T A Edison

per Coonman

Oct 27 8

Mr Ford

Please give bearer 6 pound of Red Lead in can - we want it to mix ourselves also one half gallon Boiled Linseed Oil and charge to

T A Edison
pr Cammann

Oct 31

L. W. Serrell Esq
New York

Dear Sir

Please make out a list of all U.S. patents from the earliest ages to the present time on Electric light and send them for me. Want them right off. Also on magneto machines. Change to Edison Electric light Co.

I would like at once offer of Yours Sept 11th 1877 Incorporation E Light No 195-174 Aug 20-77.

Very Truly
J. P. A. Edison

(C)

Nov 1 8

L. Ludwig Esq.
N.Y.

Dear Sir

Your favor of the 30th was
duly rec'd & contents noted. The ch
for $32.50 ok. You can have any
you can get from Bergmann. Make
an order & send to me & I will
sign it. I will write for Bergmann
make others for me. Johnson must
them before Bergmann lets them go.
you to let a $125 phonograph from John
I will authorize him to sell it to you

Can possibly let you have exclusive
agency or rights, but as you are the on
only selling the instruments there I will
put all I can in your hands

Very Truly
J. R. Collins

(C)

Nov 1st 8

Confidential

T. D. Lowrey Esq
N.Y.

Dear Sir

Upon arriving at the Park yesterday I spoke to Mr Edison regarding our conversation about the Sawyer-Man Electric Light being careful not to say anything beyond what you told me - I was astonished at the manner in which Mr E received the information. He was visibly agitated and said it was the old story - i.e., lack of confidence - the same experience which he had had with the telephone, and so far with all of his successful inventions, was being re-enacted. He also referred to the telephone being loaded down with useless encumbrances and remarked that if he had a voice in the matter, the electric light should not be so treated - No combinations, no consolidations for him - I do not feel at liberty to repeat all that he said, but I do feel impelled to respectfully suggest that as little be said to him as possible in regard to the matter. He said it was to be supplied

(2)

that every one who had been working in this direction, or had any knowledge of the subject, would immediately set up the claim upon ascertaining that his system was likely to be perfect. All this he anticipated but had no fears of the result knowing that the line he was developing was entirely original and out of the suit.

I was careful to show to him that as far as you were concerned there was no lack of confidence but that far above this element comes be found in Mr Edison and others. He will no doubt give you his views in full so I will abstain from saying more at present but will try and find time to call on you the next time I visit the City and say more on the subject as I consider it somewhat serious.

Very Truly
S. L. Griffin

Oct 21

Geo H Bliss Esq
Chicago Ill
Dear Sir
Referring to yours of the 28th relative to the Orient matter I want the matter pressed in Court.
I have no other suggestion to make in regard to the matter at the present writing
Very Truly
T. A. Edison
T. E.

Oct 21 8

Geo H Bliss Esq
Chicago
Dear Sir
Referring to yours of the 28th regarding the payment to Terrell of $45.00 I will change it up as suggested.
That is all about the Austrian patent. Please look into the matter and see where the blame is.
Very Truly
T. A. Edison
per E.

Nov 1st 8

G. R. Lowry Esq
Y M C A

Dear Sir

Herewith I send you a letter from Jerrit Smith which may prove of interest to you. It is the one I referred to in my conversation with you yesterday

Yours Truly
Ord. Griffin

Nov 1 8

L. M. Sewell Esq
New York

Dear Sir

Please hurry up with the telephone cases and Edison light. We will attend to the Rotary part here.

I have lots more business for you and may crowd you if you dont clear up what on hand

Very Truly
T. A. Edison

Nov 1

G. P. Lowry Esq
NY

Dear Sir

Referring to your letter of the 31st ult which was duly rec'd I wished say that in my opinion H. R. Butterworth connected with Mr Prescotts Office is qualified to fill the position of expert. I offered him $1000 a year as that was all I could afford to pay but he wanted more. I think he is now engaged in securing Mr Prescotts new business

Very Truly
T. A. Edison

Mar 28 '[illegible]

Wm H Blake
Brooklyn N.Y.
Dear Sir
Enclosed
please find check
for $10.00
Very Truly
[illegible]

Novr 2

Messrs P. V. J. Livingston
Darius Ontalis

Dear Sirs

Enclosed please find Check for Seventy nine dollars which covers your premium. Wd interest and I hope will be satisfactory to you.

Very truly
J. A. Edson

Mo. [illegible]

[illegible] M. [illegible]
New York

[illegible]

[illegible] you an
letter from Miss W. [illegible]
Chur[illegible] [illegible] and [illegible]
[illegible] appearance [illegible]
[illegible] It
appears to me the thing is [illegible]
in [illegible]

1st. Procure a clear work to give up [illegible]
[illegible] to a reduced [illegible] will [illegible]
to be large enough for running on [illegible]
[illegible] minutes at a time would be too many
[illegible]

If this appears [illegible] mode [illegible]
mine was brought out and wine [illegible]
attempt to make in the [illegible] which [illegible]
[illegible] on my [illegible] [illegible]

[illegible]

[illegible] would [illegible]
[illegible] you [illegible]
[illegible]
[illegible]
[illegible] the
thing which [illegible]
[illegible]

Very Truly [illegible]

Nov 4 8

W. J. Lowery Esq.
N.Y.

Dear Sir

Herewith I send you a letter just rec'd from Col Gourand. Please read and return.

Very Truly
T. A. Edison

Nov 4 FILE

A. Norrishow Esq.
N.Y.

Dear Sir

The package of books were rec'd this morning. Mr Edison will take the following lectures on Light (Ferrier) $ 1.00
Physiology (or Fire Chemistry) (Roe) $ 15.00
$ 16.00
20% off 3.20
$ 12.80

Herewith I send you Mr Edison's Check for 12.80 and by this mail return Photographs of Sparks (Capron) as he does not wish to purchase it. Please acknowledge receipt of check & oblige

Very Truly
J. L. Griffin

Nov 4

Mr T Hampson
Gladstone

Dear Sir,

The man that is putting in the boiler says it is necessary according to plan that we have for stack 2 ft 6 inches bore for arch 18 feet & in base 3 ft three quarters inch diameter & four feet long four & five eighths inch and three feet long for stack above.

Have you provided for this?

Yours truly
[illegible]
[illegible]

Nov 5th

Messrs L. G. Tillotson & Co
New York

Dear Sirs

Referring to your letter regarding the shipment of Telephones to Spain which I acknowledged a short time ago - I have just received a letter from my agent in Paris a copy of which I send herewith. Please let me hear from you soon in regard to the matter and oblige

Very Truly
T. A. Edison

Nov 5 — 81

W. J. Crooker
New York

Dear Sir

Please box securely and ship as lead, to Mess Peskas 1 Rue de la Bourse Paris France

100 lbs of improved foil for the large tokonagraph and 200 lbs of the same for the small phono.

Go per Sampson's Enclosed and mail bill to the same address.

Very Truly
T. A. Edison

Nov 5 8

Cryan & Phillips
Providence R.I.
Dear Sir
Enclosed please
find my check for $6.50
Referring to Gillilands bill
which I presume is due you,
I am not, and never was
responsible for bills of his
although he says
to the contrary notwithstanding
Very Truly
T. A. Edison
per G.

Nov 5

B.F. Ford & Co.
Metuchen N.J.
Dear Sir
Enclosed please
find my check for [illegible]
Please acknowledge receipt
and oblige
Very Truly
T. A. Edison

084

The Willmer & Rogers News Co
New York

Nov 4 - 78

Dear Sirs

Your favor of the 1st with enclosures was duly received. Please make out a bill for the following list of periodicals and send to the Edison Electric Light Co 2 Broad Street N.Y. and have the periodicals sent to me as per above address.

Very Truly
T. A. Edison

Science pour tous Journal Illustré	$ 2.5
Poggendorff Annalen Leipzig	$ 11,50
Repertorium für Experimental physik	7.35
Journal of the Chemical Society	8.
Annales de chimie et de physique	10.
La Nature	7.
Monteur Scientifique	7.
Engineer	10.
Engineering	10.
Eng Mech & World of Science	5.25
Telegraph Journal & Electrical Review	8.
Annales Telegraphiques	4.50
Industrielles	10.
Horological Journal	2.50
Nature	7.
Iron	10.
Philos Magazine	11.
	$ 112.85

Nov 5 8

G W Berrree Esq
Dear Sir
On refering I find I received
a statement of Balance due $197.10
please give me a detailed statement
from that date of both Dr & Cr
and oblige
Yours truly
Thomas A. Edison
pr Barman

Nov 6 9

Manning Pearsons

Dear Sir

Please send immediately 8 Bundle Shingle laths 1¼ in 16 ft long these were ordered last Saturday we have not received them as yet. also send 125 feet (running feet) of 3 x 4 - 20 ft long ...
we must have more boards for covering buildings not will you please attend to this as air ee

Yours truly

T A Edison
Per

Nov 6 8

Mr G. P. Lowry
NY

Dear Sir
Enclosed please
find three communications
from Col Gourrier please
examine & return
Very Truly
J. P. Robinson

Nov 7th 8

Marvins Safes & Scales
New York

Gentlemen:

Please have that vault door fixed as agreed between you & Secretary and our Mr Kennedy today, viz 3/8 by 1 1/4 in rods to conduct frames. Have it cleaned and painted and put in good order in every respect and ship it to Penn R.R. (freight) as soon as and send bill by mail

Very Truly
J. T. A. Ed.

Nov 7 8

Messrs Condit & Hewson
Cities

Enclosed find statement which you will please correct and send to me at once. You charge on first bill for the Magnetic machine $350. less 12½ making net $306.25 but on statement you charge $325 please correct this

Yours truly
T A Edison
Ennew

Nov 13th

Geo Place Mach Agency
New York.

Gentleman,

We dont like to pack the hangers up 8in more. They are already in stringers which rest on beams. We find Sellers have 30in hangers at same price why could you not get them for us

Respectfully yours
Thos A Edison
per Batchelor

Menlo Park N.J. Nov 1-7

My Dear Puskas

I telegraphed you on the [illegible] of Sept. as follows concerning the [illegible]

"Puskas Paris: Good. Send papers. [illegible]
"have struck a bonanza on electric light and
"sub-division of light. Shall send all [illegible]
"for Continent same as before. [illegible]
Edison"

Your reply being received I wrote you in confirmation and explanation of the [illegible] Oct 14th. When I discovered the [illegible] by which I now divide the light [illegible] with the other things which are [illegible] my patent, I soon found that I had [illegible] articles of investigation which would not [illegible] take a great deal of time but also a large [illegible] of money, much larger than I could conveniently manage for myself and accordingly I was [illegible] to call upon friends here for help. Without [illegible] into particulars for which I have not the time [illegible] I had the good fortune to find $50,000 [illegible] to be invested in confidence of my [illegible] it back again and I am now erecting a [illegible] building 135 feet long by 25 feet wide with [illegible] power of 100 Engines (80 H.P.) and boilers, in short all the means to set up and test most deliberately [illegible]

point of the Electric Light so as to be able to meet and answer, or obviate, any objection to showing the light to the public or offering it for sale either in this country or in Europe.

You can will understand that the question of my compensation arose immediately and filled a large place in our negotiations. I have explained to them my relation to you and they have examined the Telephone and the Microphone and the Cables which have passed between together with the fact of your payment of the patent fees. They will within a few days come to terms with you — Mr Morgan then, Mr Sherman or visiting with you to act as agent for the sale of the light in all the countries, except Italy, as to which Country Messrs Fabri & Channing of New York are thought to be better agents, Mr Fabri being an Italian of the best connections and standing in that Country. Mr Fabri of Fabri Sherman & Co is a brother of Mr Fabri & the arrangement is probable. He will confer with you through the same agent in Paris, notwithstanding the intention in Washington to make with them to work Italy through Mr Fabri & Channing in connection with you.

Now I feel great delicacy in speaking to you about this matter, but I feel to confess that the ultimate outcome of the electric light

3

will be vastly greater if managed among where by
[illegible] J. P. Morgan & Co. of
London and their houses and connections in other
Countries that I believe you will realise more
money by acting with them even at a great
reduced Share of that should be necessary to
secure their co-operation than any man, even
you could realise working alone.

It is my
wish to show or offer the Electric light and it
is so perfected in economical and all other
that I can feel sure of its instantaneous
over gas. This I have accomplished only through the
continuing aid of Drexel Morgan & Co and
friends. The light is not yet in any
shape and you can see therefore that they are
practically engaged in inventing their money
large amounts to bring my inventions to head
I hope therefore that you and they will be
able to arrive at an equitable arrangement for divide
the portion of the proceeds of sales which I am
willing to allow to that I may have the
satisfaction of knowing that your skill
capacity are united with their commercial
facilities to get the last dollar for electric
light which the Continent of Europe has to offer.
I have telegraphed over abbreviation & [illegible]
since the application for a patent [illegible]

I am now on the track of a lot of important additions for which several sets of patents must be taken out in order to protect the invention completely. Before I have done with it I mean to succeed. I have the right principle and am on the right track, but time, hard work and some good luck are needed too. It has been just so in all of my inventions. The first step is an intuition and comes quickly. Then difficulties arise. This thing & then that. "Bugs" as such little faults and defects are called, show themselves. Month after month go by, study and labor are required before commercial success or failure is achieved.

Yours very truly

Thomas A. Edison

Menlo Park N J Nov 12 1880

E. P. Lawrey Esq.

Dear Sir

Referring to our conversation in respect to the disposition on the Continent of Europe of my inventions touching electricity as used for producing light, power, or heat, (using the same inventions which I have agreed to sell to the Edison Electric Light Company of New York for this Country) I have to say that I will make a similar arrangement with you and you, with such Banking or Commercial [illegible] you may choose, to that which I have [illegible] with respect to the patents for [illegible] provided a suitable arrangement [illegible] brought about with Mr Parker, [illegible] satisfaction of his claim upon me [illegible] to participation in the profits derived [illegible] sale or use of these inventions on the [illegible] Europe.

Without entering more in detail [illegible] basis of this claim, I have now to [illegible] I will give you a power of Attorney [illegible] the European Countries except [illegible] authorizing you to dispose [illegible] which I have already made [illegible] or may make during the next [illegible] such prices and on such terms [illegible]

for my best interest, you to receive one half the profits or compensation paid or received at any time whether in royalties, cash payments or otherwise, provided you first obtain a satisfactory release to me from Mr. Pushar of any obligations such as I have above mentioned any amount paid or owing allowed to him with my approval to be treated as an expense of the joint account. You are aware that I consider Mr. Pushar's claim as though not strictly a legal claim to be binding me morally with as much force as if it was so. I therefore do not ask for a release in legal form but some letter or cable dispatch which will satisfactorily show me that you have met his requirements and relieved me in the future from any claim by him.

Very truly yours

Thomas A Edison

[492]

Nov 14 8

T. N. Sewell Esq
NY

Dear Sir

Mr F. Fortune the bearer hereof desires to take out patents for obtain concessions in Mexico for the Phonograph and the Telephone. Please make out a power of Attorney for this purpose and furnish him with copies of specifications and drawings of the above named inventions

Yours Truly
T. A. Edison

Nov 14

Mr F. Fortune
NY

Dear Sir

I hereby agree to give you the exclusive agency for the phonograph and the Telephone in the Republic of Mexico providing you obtain patent concessions from that government protecting the above named inventions

Very Truly
T. A. Edison
per WJ

Nov 14 8

Mr Geo H Blair
Chicago

Dear Sir

Mr G Fortuna has my authority to establish an exclusive agency in the Republic of Mexico for the phonograph and telephone provided he obtains from that Government patent concessions for those inventions. He wishes to include the Electric Fan. Will you please write him in regard to it.

His address is 20 Beaver St N.Y.

Very Truly
T. A. Edison

6021

Nov 16 8

E. P. Thompson
Dear Sir

will you please send me a bill for the Engine in & also for Boiler & have received none as yet, and I understand there has been a payment on each. Please let me have the bill and also the date for received each payment

Yours truly
J. A. Edison
for Carman

Nov 8

E. N. Barton Esq
Chicago Ill

Dear Sir,

Please send me four sets Carbon telephones complete. That is telephones for Eight stations - without battery

Very Truly
T. A. Edison
Eq

Nov 14 - 81

Mr. O. Van Vleet

Dear Sir,

Referring to your telegram of this date in regard to the hangers, I will expect a discount of 35% as we had fifteen terms already. I will also expect the bill for the hangers to be sent to you & settlement not to be charged to my acct.

Very Truly
T. A. Edison

50V

Nov 16 8

N. Carlson & Son
Somerville N.J.
Gents

Please
on same prices per ~~running~~ foot
of moulding (see cut) and also
of Cove (see cut) we will
want cost per ft of each
you in the prices delivered on
cars at Menlo Park N.J.
and we will let you know about order

Yours truly
T. A. Edison
per Ackerman

[ITEM FOUND IN BOOK]

THE

AMERICAN NOVELTY COMPANY

CIRCULAR.

62 BROADWAY, NEW YORK, JANUARY 10, 1877.

NEW INVENTIONS.

EDISON'S DUPLICATING INK.

This Duplicating or Transfer Ink, designed for the multiplication of copies by means of the common Letter Press, has properties entirely distinct from any other in the market. It will do the following:

First. One original writing will yield in the ordinary Letter-Press without other appliances than those used in ordinary copying, 20 to 30 copies upon Tissue Paper.

Second. It will yield from 10 to 20 copies upon LETTER PAPER—an entirely new feature; these copies being re-transferred from a Tissue Copy, are right side up and readable from the face of the paper, and not *through* it.

Third. It will also yield copies either from the original or from the copy at any time subsequent to the original writing, thus making it practicable for Lawyers, Merchants, Brokers, Reporters, Insurance and Real Estate Agents, Clergymen, and the Professional Business Community generally, at any time to duplicate any paper which they may have on record. Also, enabling the recipient of a letter written with this ink, to obtain from such letter a number of copies (fac-similes) without the labor of re-writing; also giving the writer of a letter a copy, in addition to his letter-book record for filing in his pigeon hole with matter of the same subject, thus keeping a complete record of the whole matter at hand for convenience of reference; this saves the annoyance of hunting through a promiscuous letter-book for correspondence upon any given matter. The property of transferring upon hard paper (letter paper,) being an entirely new one, and possible with no other ink, creates for this a new field, and one, which, in view of the simplicity of the means by which these novel results are obtained, must immediately be occupied by it.

PRICE.

No. 1 Bottles,		.50
No. 2 "	(Half-pints,)	$1.50

FOR SALE BY

LEGAL SERIES, 1870-1878

The Legal Series consists of two files maintained by Harry F. Miller, one of Edison's private secretaries, and R.W. Kellow, one of the secretaries of Thomas A. Edison, Inc. The Miller and Kellow files contain contracts and agreements, assignments, powers of attorney, deeds, mortgages, stock certificates, and an occasional patent or caveat, along with related material, such as insurance policies, copies of corporate minutes, attorney's correspondence, bills and receipts, and miscellaneous correspondence.

Documents relating to civil court or Patent Office litigation can be found in the Litigation Series. However, affidavits, bills of complaint, transcripts of testimony, and other litigation records do occasionally appear in the Miller and Kellow Files. Legal documents can also be found in the Document File and in other series on the microfilm.

HARRY F. MILLER FILE

Harry F. Miller began his association with the Edison laboratory at West Orange in 1888, in the office of John F. Randolph, Edison's private secretary. In 1908 he succeeded Randolph as secretary. Miller was also assistant treasurer of the National Phonograph Company and secretary of the New Jersey Patent Company. He was elected treasurer of Thomas A. Edison, Inc. in 1916, and served as a director of the company.

The documents in the Miller File cover the years 1870-1929, but the major portion dates from the nineteenth century. Most of the material relates to legal matters with which Edison was concerned. The file contains contracts and agreements, assignments and licenses, powers of attorney, insurance policies, stock certificates, corporate minutes, papers relating to litigation, bills and receipts, some pieces of correspondence, and occasional patents and drafts of caveats.

All documents for the years 1870-1878 have been selected except duplicates. The sixty-three documents include contracts, licenses, assignments, and agreements relating to the telegraph, telephone, electric pen and autographic press, phonograph, and electric light.

The Miller File has been arranged in chronological order for filming. Prior to the microfilming the file consisted of 122 envelopes, each containing several documents. The envelopes were numbered 1 through 180, but some were missing from the sequence. The envelopes were not arranged in chronological or topical order, and the documents within an individual envelope also lacked chronological or topical organization.

Similar documents of a legal or quasi-legal nature can be found in the Document File and in other series on the microfilm.

Contract
Thomas A. Edison
with
Geo. B. Field
and
Elisha W. Andrews.
Feby. 10th. 1870.
Autographic

This articles of agreement made and entered into this Tenth (10) day of February 1870 by and between Thomas A Edison of Elizabeth New Jersey, parties of the first part, and George B Field, of the City county & State of New York & Elisha W Andrews of the town of Englewood Bergen County New Jersey parties of the second part witnesses as follows, that the said parties of the first part hereby agree with the said parties of the second part to invent and perfect an Autographic or Fac Simile Telegraph instrument which shall

1st Equal the average speed of Morse.
2nd Be simple, reliable, practical
3rd Transmit hieroglyphical characters, shorthand, and messages in any written language
4th Transmit outline Photographs.
5th Have a speed greater than the average Morse or Press Telegrams.
6th Have no elaborate preparation of the message to be sent.
7th Leave copies at any point on circuits not excessively long.
8th Be able to retransmit from chemical state.
9th Not conflict with any existing patent valid in the United States.
10th Have a United States patent, clear, and positive.

And upon the completion

of two instruments fully demonstrating the practical working of said invention, to the satisfaction of the parties of the second part the said party of the first part agrees to convey by an assignment to the parties of the second part Ivo. Shade $\frac{5}{8}$ ths interest in his invention, and to have the same secured by Letters patent of the United States.

The parties of the second part agree to pay to the party of the first part in consideration of said assignment the sum of Three Thousand $3000. dollars.

And further the parties of the second pt. to furnish a good comfortable room at a cost not exceeding ten dollars per month and all the necessary tools and machinery to create experiments upon. Construct said apparatus, the cost not to exceed a cost of four hundred dollars $400. and to pay a first class mechanic to be employed by said party of the first part until said instruments shall be completed, not to exceed six months working time and for the sum to be paid in their construction and the incidental expenses pertaining thereto.

~~[illegible]~~

(N)

all bills to be presented to the party of the second part by the party of the first part. And no bill to be from Inventor amounting to over the sum of Ten Dollars without the consent of the parties of the second part. The parties of the second part shall pay all patent fees for securing Letters patent and upon fulfilling the conditions above recited, and by securing an effective agreement to the party of the first part one third of all profits accruing from said invention. The parties of the second part, shall become owners of two thirds of said invention and the parties of the first the owner of one third ⅓ interest on said patent or patents. It is hereby agreed that the obligations in this contract between the parties hereunto are obligatory upon their heirs and assignees

In witness whereof the parties have hereunto set their hands & seals, the day and year aforesaid

In presence of
W. M. Riddle

Thomas A. Edison (O)
Geo B Fred (O)
Elisha Mordsley (O)

Recorded
Gold & Stock
Printing Telegraph
Feb 14th 1870

This Article of agreement made and entered into this tenth (10) day of February 1870 by and between Thomas A. Edison of Elizabeth, New Jersey, party of the first part, and Gerard Reid of the city county and State of New York and Elisha W. Andrews of the town of Boylston Bergen County New Jersey parties of the second part, Witnesseth that the party of the first part agrees to invent and perfect a Printing Telegraph instrument to be worked practically upon one wire, and to perform the same kind of work as the stock instrument known as "Calahans Automatic" now used by the "Gold and Stock Telegraph Company" of New York City;

Said instrument to be made, shall be constructed not to have more than thirty six pieces and six screws in its working parts, all parts to be made of iron and steel, the size to be smaller than the Calahan instrument and the speed to be as great if not greater,

It shall be constructed to print two lines on the strip of paper, and all the parts to be clearly seen, and easily approached and the instrument to be easily taken out or put in an office, to have a superior inking apparatus, and the instrument to be worked with the same amount of battery as those used by the "Gold & Stock Tel Co" if not less, all parts of the said instrument to be made

interchangeable, and the said inventors to be clearly protectable in the combinations, and upon the completion of two instruments fully demonstrating the perfection of the instrument for the purpose designed, to the satisfaction of the parties of the second part, the said party of the first part agrees to prepare or have prepared an application for Letters Patent from the United States Government, and convey by an assignment at the Patent Office of the United States to the parties of the second part Nine tenths (9/10) of the interest of the party of the first part in said invention upon the following conditions to wit:

The parties of the second part shall well and truly pay to the said party of the first part the sum of ~~[illegible]~~ (7000) ~~three and dollars~~ in full payment for the said nine tenths (9/10) when the Patent for the instrument above described shall have been allowed by the Patent Office. And the said party of the first part ~~[illegible]~~ further agrees that he will lease to the said parties of the second part from the date of said Patent, the remaining one tenth interest in said invention for seventeen years from the date of the patent for a sum not exceeding one dollar per annum. And the parties of the second part shall by a special agreement agree not to license said patent during its validity

or Semention ys ans with out the Consent of the party of the first part, and shall pay the bills for the Construction of the two instruments above referred to not to exceed the sum of two hundred & fifty dollars, this Contract is assignable, and the agreements are obligatory upon the heirs or assigns of the parties hereunto.

In witness whereof the parties have hereunto set their hands the day and year aforesaid

In presence of

Thomas A. Edison

A. M. Kellogg

Geo. B. Fisher

Elisha W. Rudnay

In addition to the above agreement I agree to include my services as C Electrician for one year from date of the application for letters patent for the above named instrument, for the consideration named in the above writing, I also agree to assign the above named parties any future improvement in mechanical Printing Telegraph instruments which are applicable to directly to quoting the prices of Gold & Stocks in the United States which I may devise

Thomas A. Edison

Oct 1-1870
Edison & Harrington
agreement

This Indenture made this first day of October, one thousand eight hundred and seventy, between Thomas A. Edison of Newark, in the State of New Jersey, of the first part, and George Harrington, of the City of Washington, District of Columbia, of the second part;
Witnesseth, That for and in consideration of one Dollar, paid in hand one to the other, the receipt whereof is hereby acknowledged, and of the mutual trust and confidence which said parties have in each other do each covenant and agree with the other as follows:
First: That the said parties as above named will be partners as inventors and manufacturers of all kinds of machinery, Instruments, Tools, Battery materials and all and whatsoever may be required by the various systems of Telegraphy and of all such other machinery, Instruments, Tools, or articles or things the manufacture of which may be offered to, or obtained and accepted by them: the said parties to be interested as owners in all original inventions or improvements invented, purchased or obtained by

them or either of them, and in all the interests and profits arising therefrom, and in the profits and losses arising from the business of manufacturing, in the proportions as hereinafter set forth.

Second: That the business of said firm shall be known and conducted under the name and style of

The American Telegraph Works.

Third: The place of manufacture shall be in the City of Newark, state of New Jersey, until such time as it may be mutually agreed to select some other locality.

Fourth: The Capital of the firm shall be nine thousand dollars ($9000) of which the party of the first part shall furnish the sum of three thousand dollars, in the manner hereinafter set forth, and the party of the second part shall furnish the sum of six thousand dollars in cash.

The Capital to be furnished by the party of the first part, shall consist of the stock machinery, tools and inventions, owned wholly, or in

part by him, of which an inventory shall be made without reservation; but so much of the machinery, Stock, Tools and Fixtures partly owned by said party of the first part, and in part owned by one William Unger, as are now located and in use at the former place of business, at number fifteen, Rail road avenue, Newark, New Jersey, shall be allowed to remain there for use by the parties hereto, and the said William Unger, under the unexpired partnership, as existing at this date between Edison, party of the first part, and the said William Unger, but said stock, machinery, tools and fixtures, known as Number Fifteen Railroad avenue, shall not be used as a place of general manufacture upon orders to the detriment of the interest of the manufactory to be established and known as the American Telegraph Works, under the auspices of, and to be owned by the parties to this Indenture: it being understood and stipulated that the general manufacture, so heretofore carried on or to be transferred to the American

Telegraph works, to be established under this agreement: And the transfer of the title to the stock, machinery, tools, fixtures and inventions owned wholly or in part by the party of the first part to the parties of the first and second parts jointly, to be held by them in the proportions respectively, according to the amount of capital furnished, as herein stipulated, shall be taken and received as full payment of the proportion of capital to be supplied by the party of the first part.

Fifth. The party of the first part shall give his whole time and attention, talents and inventive powers to the business and interests of the firm and shall admit no other parties to the any direct or indirect in, or any invention or improvements made or to be made by him, except as hereinafter set forth: but all such shall and belong to the parties of the first and second parts as above set forth, in the proportions set forth in section sixth of this indenture, provided, however, that the inventions made on

exclusively for the Gold and Stock Company which under a contract between said parts of the first part and Mr. Marshal Leffels are to the sole property of the Gold & Stock Company are not to be included in this agreement. But the said Edwin or party of the first part hereby himself not to invent, under said Contract any machinery that will imitate a quick automatic Telegraphy, nor to sell, transfer or convey to any parties whatever without the consent of the parts of the several parts hereto any invention or improvement that may be useful or desired in automatic Telegraphy. And provided further that for any original inventions or improvements that the parts of the first part may make other than such as may be suggested or arise from the current work in the manufactory, there shall be allowed and paid by the firm to the parts of the first part a reasonable and proper compensation therefor according to its practical value, all things considered; such payment to be made in addition to and irrespective of the proportionate part of the profits of the business of the firm to which the parts of the first

Park would be otherwise entitled.
And it is further agreed that if any disagreement shall arise as to the sum which may be claimed as "reasonable and proper" to be paid for such original invention, the question shall be referred to an arbitrator, or, if preferred by either of the parties, to three disinterested parties, one to be chosen by each, and a third by the two thus chosen, and whose decision shall be final and binding on both.

Sixth. That all profits arising from the business of the firm and from all inventions and improvements, and from the manufacture, shall be divided between the parties as follows: one third thereof to the party of the first part, and two thirds to the party of the second part; and all taxes, rents, insurance and other expenses, and all losses or damages, if any such shall occur, shall be paid from the general receipts of the firm arising from its business; if there shall be insufficient receipts, the deficiency shall be supplied by the parties hereto, in the ratio of one third and two thirds, or shall be taken from the capital of the Company.

Seventh. The Partners shall be allowed and paid from the gross revenues arising from the business a sum Equal to fifteen per cent upon the Capital per annum, to be divided into monthly payments and a like percentum on moneys advanced by either party over and above their proportionate parts of the Capital as above set forth. And all excess of profits shall remain in the Treasury of the firm to be appropriated to the Enlargement of the works and manufacture, and Extension of the business as may from time to time be agreed upon. Otherwise than as set forth in this section, there shall be no moneys or property belonging to the firm withdrawn, taken or used by either partner, Except upon the written Consent of both Partners.

Eighth. The party of the first part shall have the Control and direction of the manufactory and shall employ and dismiss all workmen as he shall deem best for the interests of the Firm; shall purchase at lowest Cash prices, without Commission, the machinery, tools, stock and other necessaries required in the manufactory,

and generally shall be responsible for the careful preservation of the machinery and property of the Company; and the Economical conduct of the manufacturing part of the business; but the manner of keeping the Books and accounts of the firm and manufactory, and the employment of persons required in keeping such accounts and Books, and all that relates to the financial affairs of the firm and business, and the disposition of the products of the manufactory shall be performed, or approved, controlled and directed, at his option, by the party of the second part.

Ninth. There shall be no notes given nor any liabilities created by any member of the firm with the previous assent of both parties.

Before contracts shall be entered into for the manufacture of any number of given articles, it shall be the duty of the party of the first part carefully to estimate the whole amount of monies that will be required to fulfil such contract, if made, and the length of time that will be required to produce

the articles wanted, and such Estimate shall be submitted to the party of the second part in order to ascertain if the financial condition of the firm is such as to justify the outlay, and whether when making the contract, it should not be provided in such contract for advances to be made by the parties for whom the work is to be done, in proportion as the work progresses, and before completion.

Tenth. Full accounts shall be kept of all business done by the firm; and all transactions of purchase, manufacture, sales, receipts and payments, shall be clearly and fully recorded, together with a detailed account of all expenses of whatever character incurred. And the books and accounts shall at all times be open to the inspection of either partner.

Eleventh. Each partner shall give a true account of all moneys, property, matters and things that may come into his hands, or to his knowledge, belonging to or concerning, or in any wise affecting said partnership or said business.

Twelfth. It is further stipulated agreed and understood that the manufacture of all machinery, instruments, tools and other articles, other than so much as may be necessary to develop inventions and improvements and make experiments arising out of or from any inventions or improvements heretofore made, or that may hereafter be made by the party of the first part, or orders for machinery and instruments or any part thereof that may be obtained by either of the parties hereto, shall be manufactured made and filled at and from the manufactory, to be set up, made and established under this co-partnership, and at no other place, shop or manufactory, without the consent of all the parties to this indenture.

Thirteenth. It is further stipulated and agreed that the party of the second part may, at his own option, admit a third party into the firm, upon terms of equality with him and with the party of the first part, that is to

say; to an equal third part or interest in all the inventions, stock, machinery, tools and all other property of the firm and in the business with one third share of the profits and losses arising therefrom, and one third benefit, and an assumption of one third of all the liabilities of the firm: Provided that, by the admission of such third party, the interest of said party of the first part in the property and business of the firm shall not be lessened, nor the stipulations and agreements, and provisions of this indenture changed or modified except in so far as must necessarily follow the admission of a third partner upon an equal footing in interest, and in all other respect, with all the rights and privileges, and subject to all the restrictions to be enjoyed, or assumed upon the parties to this indenture.

Fourteenth. This partnership shall continue for a period or term of five years from the first day of October eighteen hundred and seventy, unless sooner dissolved by mutual consent of all the parties.

Fifteenth. At the expiration of the partnership, or on its final dissolution, the property and assets, after paying all liabilities of the firm legitimately created in the course of the business, shall be divided among the respective partners, according to their respective interests; and in case any one of the partners shall die before the expiration of the partnership, the surviving partner or partners, if there shall be more than one, shall account for and pay over to the Executors, Administrators or other legal Representatives of such deceased partner, his proportion of the moneys and the proceeds of all property and assets owned by said partnership or firm.

Sixteenth. The provisions of this indenture may be altered or modified from time to time upon the agreement and written consent of all parties.

In witness whereof the said Thomas A Edison and the said Geo. R. Harrington have hereunto set their hands and affixed their seals in the City of New York on the day and date first above written.

In presence of
Jr. Fradwell,
Chas. S. Jeffinson

(Signed) Geo. Harrington. (Seal)
Thomas A. Edison (Seal)

City County Hall
of New York; on this 31st day of December
1870, before me personally appeared
George Harrington, and Thomas A. Edison,
both to me personally known, and
known by me to be the individuals
described in and who executed the
written instrument, and they severally
acknowledged to me that they executed
the same.

(signed) Chas. H. Kitchell
Notary Public,
in & for New York
City & County,

New York Oct 24. 1876

It is mutually agreed between the undersigned E. W. Anchard, W. Lefferts and T. A. Edison, that the said Edison, having invented or discovered a new form of Electro-Magnet, and for which he has lodged a Caveat and proposes to apply for a Patent for the same. Will assign and do hereby assign said Patent and all improvements thereon, to the said Anchard, Lefferts and Edison, one third to each party, but to be enjoyed as far as profit and concerned as in common.

The said Edison further agrees that he will give his best endeavor, to improve discover and invent Electro-Magnets for the purpose of use and application for motive power and that all such future improvements upon the Magnetic inventions shall belong to the parties above mentioned, in the proportion

The expenses of making any instruments for testing any inventions which the said Edison may make, shall be borne equally by the (3) three parties hereto - but such expenditure shall only be incurred upon the consent of the parties to this agreement

Patents if taken out in Europe shall be subject to the same conditions as herein agreed to for the United States.

The said Andrews, and Leffingwell agree that they will use their best exertions to introduce and make profitable such inventions as may be made by the said Edison, under this agreement.

T. A. Edison.
E. W. Andrews
M. Leffingwell.

Printing Tel

Dated April 29th 1872

Thomas A. Edison
&
Marshall Lefferts

Agreement

Articles of Agreement made and entered into this Twenty-ninth day of April A.D. 1872 by and between Thomas Alva Edison of the City of Newark, State of New Jersey, and Marshall Lefferts of the City and State of New York. Witnesseth.

Whereas the said Edison has invented certain Improvements in Printing Telegraphs and the said Lefferts has agreed to act in connection with the inventions and Patents on the same in Europe.

Therefore in consideration of the premises and of one dollar in hand paid each to the other the receipt whereof is hereby acknowledged the following agreement is made and entered into between the said Edison and Lefferts for themselves and their legal representatives.

First The said Edison hereby assigns, sells, transfers and sets over or agrees so to do, unto the said Marshall Lefferts one undivided half part of the right, title and interest of every character in and to any and all Letters Patent in Great Britain that he may hereafter obtain for improvements in Printing Telegraphs, together with the same right in any invention of or improvement upon Printing Telegraphs

that he has heretofore made or may hereafter make for ten years and to this end agrees to make and execute, at the expense of the said Lefferts, any and all specifications that may from time to time be required for procuring or completing Letters Patent for such inventions and for assigning or more fully conveying the rights hereby assigned or intended so to be, unto the said Lefferts. Second, The said Lefferts hereby agrees to bear the expense of patenting such inventions in Great Britain, and also in France, Belgium and such other countries as may be mutually agreed upon, but if said Lefferts unreasonably neglects or refuses to bear the expense of patenting any improvement in printing telegraphs invented by said Edison then the agreement shall not apply to the rights in that particular country, or to that particular invention within that country and the said Edison shall be relieved from this agreement to that extent only. Third, The said Edison hereby appoints the said Lefferts his true and lawful attorney to attend to any and all business in connection with the patenting, introducing, selling, transferring, or negotiating the rights in connection with such printing telegraph inventions in any and all countries of Europe where the said Lefferts may pay

the expense of patenting, and agrees to execute any further or more formal power of attorney for such purposes.

Fourth. The said Lefferts hereby agrees to exercise reasonable diligence in connection with the business hereby contemplated and to well and truly account to the said Edison and pay over to him one half part of the profits that may result in Great Britain in connection with said inventions and Letters Patent, first however retaining his actual cash advances in connection with the same.

Fifth. The said Edison hereby transfers sells and sets over or agrees to assign and set over to the said Lefferts the entire right title and interest of every character in and to the said inventions and letters patent on Printing Telegraphs in France, Belgium and each and every other country on the Continent of Europe where the said Lefferts pays or causes to be paid the expenses of patenting, and agrees to execute any specifications, assignments, transfers, or other documents that may from time to time be required for carrying out the full intent and meaning hereof, or in accordance with the laws of the respective countries.

Sixth. The said Lefferts hereby agrees to exercise reasonable diligence in endeavoring to introduce and make profit by the said inventions in the continent of Europe and to account to and pay over to the said Edison all the profits that may from time to time be realized from the rights on the continent of Europe, (first deducting his actual cash outlay) until he the said Edison shall have realized the total sum of ten thousand dollars, after which said Edison shall have no further claim in that particular).

In Witness whereof the parties to these presents have hereunto set their signatures and seals.

Witnesses

W. C. Lefferts.

T. A. Edison. (Seal)

Marshall Lefferts (Seal)

Eng Pats
Edison & Harrington

Whereas Letters Patent in Great Britain under the great seal thereof were duly granted to Harry Edward Newton of London, England, as a communication from George Harrington of the City and State of New York, United States of America for "Improvements in Mechanism for perforating paper for transmitting messages" which Letters patent are dated June 10th A.D. 1873 and numbered 1757:

And Whereas Thomas Alva Edison of Newark in the State of New Jersey, United States of America has invented certain "Improvements in Circuits and instruments for chemical telegraphs" for which he has made application for Letters Patent in Great Britain;

And Whereas the above recited Letters Patent numbered 1757 was obtained, and the application for Letters Patent for "Improvements in Circuits and instruments for chemical Telegraphs" as above set forth was made with the full understanding between the said Thomas Alva Edison and the said George Harrington parties hereto that the benefits and advantages in and to all of said inventions and Letters Patent already granted and applied for should be held and enjoyed mutually in the proportion of one undivided third part to the said Edison and two undivided third parts to the said Harrington, and the expenses in connection with the same have been duly paid pursuant to such agreement

And Whereas it has also been understood and agreed that the said George Harrington should be entrusted entirely with all negotiations and proceedings connected with the introduction of the said inventions and improvements and the sole and exclusive right and power to negotiate and effect sales

Eng Pats
Edison & Harrington

in connection with such inventions and Letters Patent: Therefore in consideration of the premises, the said George Harrington is hereby made constituted and appointed the sole, exclusive and irrevocable attorney of the said Thomas Alva Edison to act in connection with the said inventions, improvements and Letters Patent, to attend to the introduction of the same in Great Britain, to negotiate for the sale of the whole or any portion of the right or rights in or under said Letters Patent already issued or applied for, to execute any and all contracts, assignments, deed, transfers, licenses, or other documents and to receive any and all payments, license fees, royalties, stock, bonds or other valuable consideration for any such rights or privileges and to give full and ample receipts for the same and to execute in the name or in behalf of the said Edison any written instrument that may properly be required for carrying out the full intent and meaning of these presents:

And the said Edison does hereby release and relinquish to the said Harrington any and all right to act in the premises and agrees that the rights and powers hereby conveyed shall be held and exercised by the said Harrington, his substitute or Attorney or his heirs or Executors as fully and entirely as he the said Edison could have held or exercised the same: And furthermore that he the said Edison his heirs or assigns is only entitled to require of the said Harrington or his legal representatives a just and true accounting for and paying over of one third part of the net profits that may be realized from and in connection with the aforesaid inventions

and Letters Patent in Great Britain.

In Witness Whereof I, the said Thomas A. Edison have hereunto set my hand and affixed my seal this fourteenth day of March Anno Domini 1873, in the City of New York, State of New York, United States of America.

Witnesses

Geo. E. Barnes

Gerard W. Vis.

Thomas Alva Edison

Geo Harrington

Edison & Harrington
& Reid
Agreement
Automatic
Oct 1, 1870

(1) (2)

Whereas by a certain Contract and agreement bearing date the first day of October A. D. 1870, between Thomas A. Edison of the City of Newark, State of New Jersey, on the One part, and George Harrington of the City of Washington, District of Columbia of the other part, wherein it was stipulated and agreed on the part of the said Edison, that for and in consideration of certain valuable considerations as therein set forth, he the said Edison should invent and develope for practical use a System of Automatic or Fast Telegraphy embracing Perforators and other instruments and devices necessary thereto, and thereafter change, modify, add to and otherwise improve said System, instruments, devices, and other matters and things connected therewith as his experience and ability, as an Inventor and Electrician might suggest and allow, all of said inventions, devices, instruments and System being held as provided in and covered by said Contract and agreement of October 1st A. D. 1870,

And whereas it is the desire of said Harrington that the said Edison shall, if practicable and possible, invent and develope a practical System of Fast Telegraphy, whereby intelligence or despatches may be transmitted at a rapid rate in such manner as to reproduce the intelligence or despatch so transmitted at the receiving office in Roman Characters or letters in such form and in such legible and permanent manner as will permit the delivery thereof directly to the genuine public or parties to whom addressed or for whom intended, without the necessity for translating, copying or transcribing as is now necessary before delivery, with the power to take drop copies at will [illegible] in Roman

characters permanently imprinted at intermediate or way stations –

And Whereas the said Edison is ready to undertake the discovery, invention and development into practical use of a System producing the results as above set forth. Now therefore it is hereby stipulated and agreed by the said Edison, that he the said Edison shall at once proceed to invent and discover a method whereby intelligence or despatches may be transmitted over the ordinary wires now in use for telegraph purposes at a speed of Five Hundred words per minute over ordinary circuits of Three hundred miles in length, and at a rate of speed not less than Eighty words per minute over circuits of One Thousand miles in length – the intelligence or despatches so transmitted, to be received at any one or more offices within the circuit, in plain, clearly defined and permanent Roman characters or letters and equally and at the same time when so desired or required at the several intermediate stations or offices as "drop copies" all, without the necessity for further manipulation in translating, transcribing or copying, ready for delivery to the parties to whom addressed or intended.

And the said Harrington on his part or the said Harrington and J. B. Reiff his associate, of the City of New York, State of New York, stipulate and agree to advance to said Edison from time to time the aggregate sum of Three hundred dollars and to further pay to the said Edison, immediately after the satisfactory accomplishment of his undertaking a further sum to a whole aggregate

of Fifteen Thousand dollars, to cover the extra expenses and extra labors of said Edison in producing the System and results as above set forth; but the said sum of Fifteen Thousand dollars shall cover the cost of three sets of instru=ments for terminal and way offices complete for immediate use.

And the said Edison further stipulates agrees and guarantees that the inventions, devices and system as above recited shall be practical, easily learned and manipulated, and shall be original, so as to be secured by Letters Patent in the United States and in all foreign countries, for which purpose the said Edison shall cause to be made the necessa=ry models, drawings and descriptions when required so to do, and that all of said Patents shall be held and controlled in the manner and proportions and for the purposes as set forth in the contract and agreement first hereinbefore recited; the said Harrington on his part agreeing that any of the inventions and devices of said Edison covered by Patents now held by said Harrington may under the stipulations and for the exclusive purposes herein set forth, be utilized and used as a part of said System, until the same shall be in due form assigned as herein contemplated in accordance with the contract and agreement of October first A.D. 1870 herein=before recited.

And the said Edison further stipulates and agrees for himself his heirs and Executors that he or they shall and will truly make and execute any and all further papers necessary or requisite in the premises, as they may be requi=red, to complete and confirm the right, title, interest and

control of said Warrington in accordance with and in fulfilment of the stipulations and purposes of the parties hereto, as hereinbefore set forth, and as provided for in the before recited contract of October 1st A. D. 1870.

It is further stipulated and agreed by and between the parties hereto, that if the said Edison shall fail in developing practically as herein set forth, a rate of speed of Five Hundred and not less than Eighty words over circuits of the lengths hereinbefore set forth, but shall succeed at a lesser rate of speed over circuits of Three Hundred miles, then and in that case, the compensation herein provided shall be reduced as the rate of transmission falls short of the speed above set forth of Five Hundred words for circuits of Three Hundred miles, and the payment shall be as follows: If the rate of speed for circuits of Three Hundred miles shall be, but not exceed Four Hundred words per minute the compensation shall be ($12000) Twelve Thousand dollars — If the rate of speed shall be, but not exceed Three hundred words per minute, the compensation shall be ($10.000) Ten Thousand dollars — If the rate of speed shall be, but not exceed Two hundred words per minute the compensation shall be ($7000.) Seven Thousand dollars. If the rate of speed shall be, but not exceed One hundred and fifty words per minute, then the compensation shall be ($5000.) Five Thousand dollars. But if the rate of speed shall not attain the latter recited speed of One hundred and fifty words per minute, then no compensation shall be claimed or allowed for extra services and labor — provided That for circuits of One Thousand miles, the minimum rate of speed shall not be less than Eighty words per minute.

1 1

It is further stipulated and agreed that the foregoing contract and agreement shall be held confidentially, that is to say, the proceedings of Edison and his purposes shall not be communicated to any one whatsoever and that neither the said Harrington, nor the said Reiff shall offer for sale the said inventions until all others now completed and in practical use are fully disposed of.

In Witness whereof the said Thomas A. Edison and the said George Harrington and the said Associate of said Harrington J. G. Reiff have hereunto set their hands and affixed their seals this Thirty First day of March Anno Domini eighteen hundred and Seventy three.

In presence of

David L. Barnes

Eugene H. Gibson.

Thomas Alva Edison (Seal)

Geo Harrington (Seal)

Jacob G. Reiff (Seal)

Dated 1873

T. A. Edison Esq. & Others

and

Messrs Smith Fleming & Co.

Co-operative Arrangement

for Working Patents for improvements in Electric Telegraphs &c in all parts of the World except the United States.

THE REDUCTION RATIO FOR THIS DOCUMENT IS 15:1

This Deed or Agreement is made the day of One thousand eight hundred and seventy three

Between Thomas Alva Edison of Newark in the State of New Jersey in the United States of America of the first part George Harrington of Washington in the District of Columbia and Josiah Custer Reiff of the City and State of New York both in the said United States of the second part John Fleming Robert M'Kwath and William Nicol of 17 and 18 Leadenhall Street in the City of London sometimes hereinafter referred to as Smith Fleming & Co. of the third part and the said John Fleming and J. H. Puleston of in the City of London sometimes hereinafter referred to as the Trustees of the 4th part

Whereas it has been agreed between the said parties hereto of the first and second parts and the said Mess.rs Smith Fleming & Company that the latter shall purchase and acquire from the parties of the first and second parts in consideration of the sum of Ten thousand pounds sterling a one fifth share or interest in all the Inventions patent rights and privileges as well British as Foreign and as well existing as future as mentioned or referred to in the schedule hereto so far as the same relate to or are or can be made applicable to Land Telegraphs as distinguished from Submarine or Subaqueous Telegraphs And whereas consequent upon such agreement it has been arranged between the parties hereto that all such Inventions and patent rights and privileges as mentioned or referred to in the said Schedule hereto shall be from time to time assigned to the Trustees of these presents and shall be held worked wed and exercised by them for the benefit of the parties hereto of the first second and third parts respectively upon the terms and in the manner hereinafter expressed And whereas in part performance of such agreement and arrangements an Indenture has already been prepared and will be executed contemporaneously with the execution of these presents whereby the said parties hereto of the first and second parts together with George Edward Gouraud will assign to the said Trustees the two British Letters Patent first and secondly mentioned in the said Schedule and will enter into covenants with the said Trustees for the completion of British Letters Patent in respect of the provisionally protected Invention thirdly mentioned in the same Schedule and for the assignment of such Letters Patent when completed to the said Trustees Now these Presents witness that it is hereby mutually covenanted and agreed by and between the said parties hereto (each party covenanting for the acts and observances of each party respectively

Provisional Protection for Great Britain for 1878

Patent for Improvements in Telegraphs

Assignment of Patent for Great Britain

and where consisting of more than one person covenanting jointly and severally with the other parties respectively) in manner following that is to say —

1 In consideration of the payment of the sum of Ten thousand pounds sterling to the parties hereto of the first and second parts by Messrs Smith Fleming & Co (the receipt whereof is hereby acknowledged) Messrs Smith Fleming & Co shall be held as having acquired and there is hereby assigned to them by the parties hereto of the first and second parts two undivided tenth shares or interests in all monies profits emoluments advantages or benefits arising or accruing now or hereafter from the making working sale disposition use or exercise of all or any of the Inventors Patent rights and privileges (existing or future and as well British as Foreign) now mentioned or referred to in the Schedule hereto so far as the same relate to or are or can or may be applicable to Land Telegraphs and also so far as may be consistent with the provisions of these presents there is also hereby assigned to Messrs Smith Fleming & Co two undivided tenth shares or interests in all the said Inventors Letters Patent patent rights and privileges themselves and for the like consideration Messrs Smith Fleming & Co shall also be entitled to the several commissions or payments hereinafter provided for and also to the option as hereinafter expressed of acquiring a share or interest in the said Inventors Letters Patent patent rights and privileges so far as the same relate to or are or can or may be applicable to Submarine or Subaqueous Telegraphs.

2 The parties of the first and second parts engage at their own cost and expense from time to time to apply for and obtain in respect of the said Inventions as mentioned or referred to in the said Schedule all British and Foreign Letters Patent Brevets d'Invention or other Authorities granting exclusive rights and privileges in all countries and places (except the United States of America) where such exclusive rights and privileges are or may be granted by the Governments of such Countries and places and they engage to assign or cause the same respectively to be from time to time assigned to or vested in the Trustees of these presents and they also engage to maintain uphold and keep the same on foot under all circumstances and for the longest period which grants of exclusive rights can be obtained from such Governments respectively —

3 The parties hereto of the first and second parts hereby warrant and guarantee the legal validity of all the said British and Foreign Letters Patent patent rights and privileges mentioned or referred to in the said Schedule the Agreement for such purchase

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as aforesaid by Messrs Smith Fleming & Co^. having been made upon the express condition and understanding that the validity and sufficiency of all such British and Foreign Letters Patent should at all times be guaranteed maintained and upheld by the said parties hereto of the first and second parts under all circumstances. —

4 The Inventions Letters Patent rights and privileges mentioned or referred to in the said Schedule and assigned or to be assigned to the Trustees in accordance with the provisions of these presents shall as and when so assigned be held by the Trustees for the benefit of all the parties hereto of the first second and third parts and be dealt with sold disposed of used exercised or put in practice by the Trustees in such manner and in such manner only as shall be approved by the parties hereto of the first second and third parts or in the event of a difference of opinion between them as shall be decided by a majority of votes each of the said parties having a long entitled to one vote in respect of each one tenth share or interest possessed by each and in case of an equality of votes then as shall be determined by arbitration in the manner hereinafter mentioned. —

5 There shall be only one vote in respect of each one tenth share, though the firm or persons interested therein may be composed of several individuals. —

6 Whenever a firm or two or more persons shall be interested in one or more shares then the vote or decision in respect thereof may be given by such individual of the number as may be from time to time appointed to act as the representative of such firm or of two or more persons interested in such share or shares or by the lawfully authorized Attorney or Agent of the parties respectively. —

7 The decision or votes of the parties may be given on any occasion on which the parties shall meet or by writing under the hands of the parties or of their representative as aforesaid or of their lawful Attorney or Agent as aforesaid

8 Messrs Smith Fleming & Co^. shall use their best endeavours to find a purchaser on terms to be approved by the parties hereto of the first and second parts of such parts shares or interests of or in the Inventions Letters Patent rights and privileges mentioned or referred to in the said Schedule as the parties hereto of the first and second parts may from time to time sanction or approve in writing under the hands of some or one of them or of their authorized Attorney or Agent. —

9 All moneys and other considerations received by the Trustees in respect of any sales licenses or other profitable use exercise or disposition of the patent rights shall be held by them in trust to appropriate and

divide the same in the manner hereinafter mentioned that is to say In the first place to pay and defray all costs charges and expences so incurred by or occasioned to the Trustees in the execution of the trusts hereof or in anywise incidental thereto or arising out of these presents or which with the sanction of the parties hereto of the first second and third parts shall be incurred in obtaining or purchasing Letters Patent or other exclusive rights in respect of any invention similar or analogous to the said Inventions or in bringing or defending with the like so sanction any litigatory proceedings for the purpose of preventing the infringement of the patent rights (but not such costs as are mentioned in Clause 16 nor any costs which ought to be borne by the parties of the first and second parts) and in the next place to pay the Commissions as provided for by Clause 12 as and when the same shall from time to time accrue due And subject thereto to divide the remainder as follows that is to say - As to such part thereof as represent receipts in respect of any land lines or telegraphs only to divide the same into ten parts and pay two tenths thereof to Smith Fleming & Co and eight tenths to the parties of the first and second parts or some or one of them or their authorised Agent And as to such part thereof as represent receipts in respect of submarine or subaqueous lines or telegraphs only to pay the whole thereof to the parties of the first and second parts or some or one of them or their authorised Agent subject however to the provisions hereinafter contained in Clause 13. —

10 But if any moneys or other considerations shall be received in respect of both land lines and submarine or subaqueous lines then the parties hereto of the first second and third parts shall if possible determine and agree how much of the said price or consideration shall be considered as paid in respect of land lines and how much in respect of subaqueous lines and if they cannot agree the same shall be determined by Arbitration and the respective amounts apportioned to land lines and subaqueous lines shall be disposed of in the manner aforesaid. —

11 No beneficial interest created by these presents in the patent rights nor the right to participate in such monies or considerations as aforesaid (save as hereinafter provided) shall be sold or disposed of by the parties hereto of the first second or third parts (without the consent of all the others of them) to any third parties unless the person or party desiring to make such sale or disposition shall have previously given notice to all the others of the name of the proposed purchaser or purchasers and shall have offered to all of the others of them to sell and dispose of the share or interest proposed to be sold on the same or not less favorable terms than those

to

Part proceeds are to be held & handled by the Trustees

No mention of Trustees in Clause 11

No mention of Trustees in Clause 10

proposed to be paid or given thereof and all of the other parties c
1 shall have refused or after the lapse of a reasonable time shall have neglected to accept the offer so made Any person or persons so purchasing any such beneficial share or interest shall be bound by the arrangements herein made and shall if required by the other parties personally or by Attorney subscribe or execute these presents or some suitable Deed or instrument of accession in testimony of his or their being so bound Provided always that the parties of the first and second parts or either of them may sell a portion of their share or part to the said George Edward Gourand if they shall think fit so to do.—

12 Commissions — Smith Fleming & Co. have purchased and shall be entitled to the following payments or Commissions

As regards Submarine or Subaqueous Telegraphs

Five per cent on all monies or considerations received in respect of any sale license or other disposition of the Patent rights or any of them.

In lieu of the Commission in any case or transaction Smith Fleming & Co. may elect to take an interest as hereinafter expressed.

As regards Land Telegraphs

Five per cent on one half of all monies or considerations received in respect of any License under the Patent rights or any of them.

The like in respect of any sale as regards any separate Country or Countries

The like in respect of sale or disposition of any share or interest in the Patent rights as a whole

If any such sale or disposition as last named be made at such a rate as would if all the shares were sold yield a price exceeding Fifty thousand pounds then a further Commission of five per cent on the price obtained calculated upon the principle of reckoning such Commissions (were all the shares sold) upon one half of the difference between the assumed value of Fifty thousand pounds and the value of all the shares as based upon the price or consideration actually obtained.—

In like manner if any sale in any separate Country or Countries be at such a rate that were the whole interest in the patents sold a sum exceeding Fifty thousand pounds would be realized then a further Commission of Two and a half per cent on the price obtained such Two and a half per cent to be on account of the extra commission payable whenever e Fifty thousand pounds has been actually realized but in no case to be returnable.—

Smith & Fleming

Rate of Commission

Whenever Fifty thousand pounds has been actually realized from any source then the Commission will be Five per cent on the whole price obtained instead of ten one half. —

The above Commissions shall not be so calculated as to render any part of the price or consideration in any case subject to double commission Any difference of opinion as to whether the right to payment of the Commissions has accrued shall be a subject for Arbitration within the meaning of the clause hereinafter contained.

It is agreed that any sale of any share or interest under the proviso contained in Clause 11 to the said George Edward Gouraud shall not be subject to any Commission.

13 In lieu of the Commission payable in respect of Submarine or Subaqueous Telegraphs Smith Fleming & Co. shall have the option of acquiring the right to a one tenth share or interest in the Patent rights so far as they relate to Submarine or Subaqueous Telegraphs and to the monies or considerations received in respect of any sales licenses or other dispositions so far as aforesaid at a sum equal to one half of the price given for a tenth share by any other person or persons Also in lieu of the Commission which may be payable on sales or licences (so far as regards Submarine or Subaqueous Telegraphs) in any particular case as for instance for any one country or for any particular line of Submarine Telegraph Smith Fleming & Co. shall have a similar option of acquiring a one tenth share or interest in any individual patent rights for any country or in the monies or benefits resulting from any individual transaction and if such rights or interests shall be so acquired the Trustees shall pay to Smith Fleming & Co. their proportion of monies or benefits in respect thereof

All necessary notices with full particulars shall from time to time be given to Smith Fleming & Co. so as to put them in possession of all facts necessary for guiding them in exercising or declining such option and a sufficient length of time (in no case less than one month) shall always be afforded to them within which they may exercise such option. —

14 In case any of the patent rights and privileges mentioned in the schedule hereto shall not immediately on and when granted or obtained be assigned to the Trustees then in the meantime and until such assignment shall be made the person or persons in whom the legal right or interest in such patent rights and privileges shall be vested shall hold the same subject in all respects to the trusts and provisions of these presents. —

15 Without prejudice to the generality of any of the provisions herein contained the said parties hereto of the first and second parts Do and each of

them Doth hereby appoint the said John Fleming and I H Fuleston and the survivor of them the true and lawful Attorneys and Attorney of them the said parties hereto of the first and second parts and each of them for the purpose of soliciting applying for and obtaining all or any Letters Patent Brevets d' Invention or other like instruments or authorities granting exclusive rights and privileges for or in respect of any Inventions or any improvements thereon as mentioned in the Schedule hereto Also for the purpose of assigning unto or vesting in the Trustees or Trustee for the time being of these presents all or any of such Letters Patent Brevets d' Invention or other like authorities as aforesaid with full power to use the names or name of the said parties hereto of the first and second parts or any or either of them in any such application as aforesaid or in any other step or proceeding incidental thereto and to present sign seal deliver or otherwise perfect all or any Petitions, applications, specifications assignments assurances or other instruments whatsoever which shall or may be in any way necessary or expedient for the purposes aforesaid And with liberty to delegate all or any of the powers aforesaid to any other person or persons as may be convenient and any such delegation at pleasure to revoke – As regards any such Improvement or new Invention as is mentioned in the Schedule hereto the parties of the first and second parts will always at once and without delay make known the full particulars thereof to the Trustees or Trustee for the time being and also to Smith Fleming and Company

4 If at any time any proceeding shall be commenced or taken to repeal any of the Letters patent mentioned in the said Schedule or any other Letters patent Brevets d' Invention or other like privileges to be granted in any other country (except the United States) in respect thereof or of either of them or if any proceedings shall be commenced against the Trustees or any person or persons to be hereafter licensed or authorized to use the inventions or either of them in any country (except as aforesaid) in which it shall be alleged that the several inventions or improvements mentioned in the Schedule or any one or more of them are infringements of rights previously granted to other persons all necessary and proper legal or equitable proceedings shall be taken by the Trustees for the purpose of protecting the Letters patent or other

privileges granted or to be granted (except as aforesaid) and all costs charges and expenses of and incidental to the prosecution or defence of any such proceedings shall be borne and defrayed by the parties hereto of the first and second parts or some or one of them And the Trustees may apply all moneys and other considerations for the time being in their hands which under the provisions of this Indenture would be payable to the parties hereto of the first and second parts or some or one of them in and towards the defraying of any such costs charges and expenses and if the same shall be insufficient the deficiency shall from time to time on the request of the Trustees be made good by the parties hereto of the first and second parts or one of them and the Trustees shall not be required personally to advance any sum of money for the purposes of such proceedings but shall always be kept in funds by the parties hereto of the first and second parts or some or one of them but no deduction or account or for the purpose of the proceedings mentioned in this Clause shall be made from the share which under and in accordance with the terms of these presents shall or may become payable to Messrs Smith Fleming and Company - The parties of the first and second parts or some or one of them shall indemnify and hold harmless Smith Fleming and Company and the Trustees against the claims and demands of all persons possessing patent or other exclusive rights in priority to any of the patent rights agreed to be assigned - or shall procure free licenses under such prior patent rights to be granted to the Trustees ~~of~~ Trustee and in particular shall if necessary procure a free license or licenses granted to the said Trustees in respect of any prior patent rights of or belonging to Mr George Little

17. If at any time any person or persons shall infringe any rights already granted or secured or to be granted or secured in any Country (except as aforesaid) which for the time being shall be subject to the trusts of these presents all necessary and proper legal or equitable proceedings shall be taken by the Trustees for the purpose of preventing any such infringement and the Trustees may apply all monies and other considerations for the time being in their hands in and towards the defraying of all costs charges and expenses of and incidental to the prosecution or defence of any such proceedings and if the sum so for the time being in their hands shall be insufficient then the deficiency shall from time to time at the request of the Trustees be made good by the parties hereto of the first second and third parts as nearly as possible in the

and indemnifying the Trustee against all actions and costs

8.

proportions in which they shall for the time being be entitled to have paid to them the monies received by the Trustees in respect of sales of interests in the patent Rights and of Licences or permissions to use the inventions such proportions to be settled by Arbitration in the event of difference and the Trustees shall not be required personally to advance any sum of money for the purpose of bringing or defending any such proceedings but shall be always kept in funds by the parties hereto of the first second and third parts in the proportions aforesaid.-

18 It is understood and agreed that no patent rights of the parties of the first and second parts for the United States of America are included in the arrangements made by these presents provided always that if any such patent rights in the United States should control or interfere with the use or application of the inventions and patent rights which are intended to be subject to the trusts of these presents so as to prevent or render void any arrangement or Contract in reference to submarine Telegraphs which shall touch the shores of the United States then all necessary licences and authorities under such United States patents shall be from time to time granted to the said Trustees or Trustee so as to enable them or him to make or conclude any such arrangement or Contract And the said parties hereto of the first and second parts agree that they will only sell or part with their said United States patents subject to the provision intended to be hereby made for the protection of the said Trustees or Trustee and Smith Fleming & Co.

19 Any person or persons may at any time hereafter be appointed as Trustee or Trustees by the parties hereto of the first second and third parts either immediately or remotely in succession to or by way of substitution for the said John Fleming and J H Pulestor or any subsequent Trustee and any new Trustee so appointed shall in testimony of his acceptance of the appointment sign and subscribe his name to these presents subscribing himself as Trustee and mentioning the date of his signature or else signing and subscribing his name to an appropriate Memorandum declaring his acceptance of the Trust ~~and therein of such acceptance of the Trust~~ and the date of such acceptance and shall thereupon be treated and considered as having acceded to and become party to these presents of the fourth part And upon any such appointment the number of Trustees may be augmented or reduced and all proper assignments and assurances shall be from time to time made for vesting the patent rights in the Trustees or Trustee for the time being.-

20. The Trustee or Trustees shall always be effectually protected and indemnified from and reimbursed any Costs charges damages losses and expenses which shall from time to time be incurred or occasioned to him or them in or by reason or in consequence of his or their becoming Trustee or Trustees or exercising or performing his or their duties or power as Trustee or Trustees under or for the purposes of these presents and all such costs charges damages losses or expenses shall (save such as are or ought to be borne by the parties of the first and second parts alone) as between the parties of the first second and third parts be borne and defrayed by them as nearly as possible in the same proportions as the Costs charges and expenses mentioned in clause 17.

21. Each of the parties hereto will at the request of the Trustee or Trustees or any other party hereto make do execute and concur in all acts deeds and assurances necessary in accordance with the laws of England or any other Country for vesting in the Trustee or Trustees all the said Letters Patent rights and privileges which in accordance with the terms of these presents should now or hereafter be vested in them or him or which may be in anyway necessary or expedient for giving fuller or more complete and satisfactory title to each and every of the provisions hereby made or expressed or intended or to be and the costs charges and expenses properly incurred in reference thereto shall be treated as an outgoing and paid as provided by Clause 9.–

22. All stamp duties annuities or other payments which shall at any time hereafter be necessary for keeping on foot all or any of the Patent rights and privileges (existing or future) mentioned in the Schedules hereto shall be paid by the parties of the first and second parts.–

23 All questions heretofore declared to be matters for arbitration and all or any other questions doubts differences or disputes which shall arise between any of the parties hereto or their Representatives on the construction thereof or any clause or thing herein contained or any other matter or thing in anyway relating to arising out of or connected with the said Patent rights and privileges or the rights and interests duties and obligations of the several parties hereto by virtue of the provisions hereby made shall be determinable and be determined by Arbitration in the manner following that is to say Each party in difference whether consisting of one person or several persons (several persons taking one side of a question being considered for this purpose as a single party) shall by some writing under his or their hand or hands appoint an Arbitrator And if either Party shall make default in the appointment of an Arbitrator for

one month next after he or they shall have been required in writing by the other party to make such appointment, the Arbitrator to be appointed by such last-mentioned party shall be the sole Arbitrator And the said Arbitrators (if two shall be appointed) shall by some writing under their hands appoint an Umpire And if within ten days next after their appointment or the appointment of the last of them (if they shall be appointed at different times) they shall not appoint an Umpire an Umpire shall be appointed under the provisions of the Common Law Procedure Act 1854 and the Award or Awards made in writing by the sole Arbitrator or by the Arbitrators or by the Umpire either alone or jointly with the other Arbitrators or either of them as the case may require (such Award or Awards being consistent with these presents and in no case repeating or altering the same) shall be conclusive upon the parties in difference Although they or either of them may have died before the making thereof or although the same may not be final or conclusive as to the whole subject of the dispute or difference and shall be in all respects abided by observed and performed by them respectively on their respective parts and the submission hereby made shall be made a Rule of Her Majesty's Court of Queen's Bench or any other Court of competent jurisdiction and the Arbitrators and their Umpire thereunder shall have and exercise all the powers and authorities given to Arbitrators by the said Common Law Procedure Act 1854 and the submission hereby made and the proceedings hereunder or consequent thereon shall be governed and controlled by all the provisions of the said Act which are applicable to submissions to Arbitration and proceedings thereunder and consequent thereon.

In witness whereof the parties to these presents have hereunto set their hands and seals the day and year first above written.

The Schedule above referred to.

Letters Patent under the Great Seal of the United Kingdom of Great Britain and Ireland bearing date the 10th day of June 1872, No. 1751 granted to Henry Edward Newton in respect of an Invention of "Improvements in mechanism for perforating paper for transmitting telegraphic messages."

Also Letters Patent bearing date the 27th day of February 1873 No. 735 granted to the said Thomas Alva Edison in respect of an Invention of "Improvements in Circuits and Instruments for Chemical Telegraphs."

Provisional Protection under the provisions of the Patent Law Amendment Act 1852 dated 25th April 1873 granted to the said Thomas Alva Edison in respect of an Invention of "Improvements in Electric Telegraphs."

British Letters Patent for this Invention are now in course of completion

All existing and future improvements upon the said three Inventions or either of them or comprising any art process device or mechanical or other contrivance relating to the Automatic or rapid transmission of messages by Chemical or Electric Telegraphs which has been already or may be hereafter invented or discovered by the parties hereto of the first and second parts or any or either of them.

All existing and future Foreign Letters Patent Brevets d'Invention or other authorities granting exclusive rights and privileges for the said Inventions or any or either of them and also for all or any such Improvements existing or future as aforesaid for France Belgium Holland Spain Portugal Russia Austria Germany Brazil India Canada and other Colonies or Dependencies of the United Kingdom and for all other Countries States or Dominions (except always the United States of America) where Patent rights can or may be obtained and where it shall be deemed expedient or beneficial for the parties hereto to secure or obtain Patent or other exclusive rights

All the above mentioned Inventions or Improvements (existing and future) and the above mentioned Letters Patent Brevets d'Invention or other exclusive rights (existing and future) are comprised in the arrangements made by these presents and are to be assigned to the Trustees or Trustee.

The Invention or Improvement already made by the said Thomas Alva Edison or now in course of being perfected by him and termed by him "the Automatic Type Telegraph System" is expressly included in the arrangements made by these presents and Messrs Smith Fleming & Co. shall be under the obligation of paying for their share or interest therein (similar or analogous in all respects to their share or interest in the other Patent rights) a further sum in addition to the sum of Ten thousand pounds mentioned in the body of these presents

to

in proportion to the amount which the parties of the second part shall themselves pay to the said Thomas Alva Edison for their shares or interest and such proportionate payment to be made by Smith Fleming & Co. will not it is understood exceed the sum of Sixty hundred pounds.

[113]

Edison Clinch & Robinson
Agreement Dec 3rd 1874

Memorandum of Agreement made and entered into this third day of December, A.D., one thousand eight hundred and sixty four, by and between Thomas A. Edison, inventor and proprietor of certain instruments and machinery, for telegraph purposes, of Newark, N.J., U.S., and Robert J. Clinch and Thomas M. Robinson, of St. John, N.B., Dominion of Canada.

The said Edison agrees to furnish, without cost to the said Clinch and Robinson, the necessary instruments of each kind and description proposed to be patented, to be used as models, for the purpose of procuring letters patent from the Dominion Government.

The said Edison agrees to furnish, without cost to the said Clinch and Robinson, instruments to be put in circuit for exhibition for the purpose of facilitating the organization of a Stock Company, and securing subscriptions therefor, namely, one recorder, and two transmitting boxes, with relay bell, and appliances necessary to put them in operation.

The said Clinch and Robinson agree to procure and pay for patents in the Dominion of Canada, and to organize

a Joint Stock Company in the City of St. John, New Brunswick, for the purpose of bringing the said inventions into public use.

The said Clinch and Robinson agree to organize and establish a like Company, subject to the same conditions as govern the Company at St. John, New Brunswick, and to the terms of this Agreement, in such other cities and towns in the Dominion of Canada as it may be found practicable.

It is mutually agreed that thirty per cent. of the capital stock of each and every Company which may be organized and established under this Agreement, shall be issued to the said Edison, inventor, without liability to assessment.

The said Edison further agrees that he will furnish instruments for the use of the said Clinch and Robinson at a price not to exceed one dollar and sixty five cents, United States currency, for each transmitting box, and sixty five dollars, United States currency, for each recorder, with such reduction as may be found practicable in view of actual cost, and that the said Clinch and Robinson shall be entitled to the full use and benefit of any and all

improvements in instruments and machinery applicable to what is known as "District", "Fire Alarm" and "Signal" telegraphy, together with the full use and benefit of his key-board attachment, for transmission in connection with chemical recorder; and improvements thereon, which may be made by the said Edison during two years following the date hereof.

In witness whereof the parties hereto have affixed their hands and seals the day and year first above written.

Thomas A. Edison

In presence of
Albert H. Chandler

R. N. Gleich
by his attorney
J. M. Robinson

Thos. M. Robinson

Edison Chandler Eckert
R Clinch

In consideration of services rendered, and to be rendered by Thomas S. Eckert and Albert B. Chandler of New York City, New York, in furtherance of the purposes indicated in the agreement this day entered into between Thomas A. Edison, Robert R. Clinch and Thomas M. Robinson it is hereby agreed that ten per cent of the capital stock belonging to the said Edison, and ten per cent of the capital stock belonging to the said Clinch and Robinson, twenty per cent in all, shall be ifered, without liability to assessment, to the said Eckert and Chandler, and the said Eckert and Chandler, on their part, agree, to act, without compensation, as agents in New York City, for the transaction of any business pertaining to the aforesaid agreement, and to do whatever lies, or may lie in their power, to further and promote the interests of the several parties concerned therein, -

In witness whereof, the parties hereto have set their hands and seals, this third day of December, A.D. one thousand eight hundred and seventy four.

Thomas A. Edison

In presence of
Thos. S. Eckert

R R Clinch
by his atty
T M Robinson

Thos M Robinson

Thos S. Eckert

Albert B Chandler

Articles of Agreement made and entered into this 4th day of January 1874 Between Thos A. Edison of Newark in the State of New Jersey and Jay Gould of the City of New York Witnesseth:

Whereas said Edison has invented certain improvements in Duplex and Quadruplex Telegraphs for which he has executed and is about to execute applications for Letters Patent of the United States and such applications are numbered 94, 95, 96, 97, 98, 99 & 100 and all other numbers referred to herein and are dated April 19, 1874

Therefore in Consideration of Thirty Thousand Dollars to be paid by the said Gould in cash & the other Considerations hereafter named the said Edison hereby sells assigns & transfers all his entire right, title claim & demand in & to the aforesaid patents and all renewals thereof being at least an equal undivided half part of said patents. The said Edison for himself his executors administrators & assigns hereby agrees to execute full & absolute Conveyances of the said patents including all patents or improvements made in & to Duplex or Quadruplex Telegraphy by the said Edison relating to the same numbers

Said Gould agrees in addition to the aforesaid Thirty Thousand Dollars to pay him said Edison one half of all sums realized by him for the sale of rights outside of the United States. The contract for Quadruplex patents now being made by said Edison in the name of said Gould. In witness whereof said parties have hereunto set their hands & seals the day & year above written.

Thos. A. Edison.

Jay Gould

Witness C. E. Emerson
Arch
Jay Gould
Newark N. Y. 1874

Recd July 4. 1875 Ten Thousand Dollars in part payment of the consideration of Thirty Thousand Dollars, hereunderwritten

$10.000

Thos. A. Edison

Whereas I, Thomas A. Edison, of Newark, in the County of Essex, and State of New Jersey, have invented certain Improvements in Automatic Telegraphs, (Cases 92 and 93) for which I have made applications for Letters Patent of the United States; and whereas George Harrington, of Washington, in the District of Columbia, is desirous of acquiring, in connection with myself, all the right, title and interest, which I have or may have in and to said inventions in consequence of the grant of Letters Patent thereof. Now this Indenture Witnesseth, that for and in consideration of the sum of one dollar in hand paid, the receipt whereof is hereby acknowledged I have sold and assigned, and do hereby transfer and convey, to the said Thomas A. Edison, and George Harrington, in the proportion of one undivided third part to said Edison, and two undivided third parts to said Harrington, the full and exclusive right and title to all the improvements made by me as fully set forth and shown in the specifications which I have prepared and executed under date of August 7th 1874 preparatory to the obtaining of Letters Patent therefor; and I do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent to the said Thomas A. Edison and George Harrington as the assignees of my whole right and title thereto, for the sole use and behoof of the said Thomas A. Edison and George Harrington or their legal representatives; it being understood that all profits resulting from said inventions and Letters Patent whether from joint or separate effort, are to be divided in proportion to the interest held by the respective parties hereto, or their legal representatives.

In Testimony Whereof, I have hereunto set my hand and affixed my seal this 2nd day of March in the year one thousand eight hundred and seventy five.

Sealed and delivered in the presence of

Thos A Edison

Wm F. Eckert

Received for record March 3rd 1875 and recorded in Liber A 19, Page 208, of Transfers of Patents.

In testimony whereof, I have caused the seal of the Patent Office to be hereunto affixed.

Eli Ayer

Acting Commissioner.

Expd U.S.

George Harrington, of Washington, in the District of Columbia, is desirous of acquiring, in connection with myself, all the right, title and interest, which I have or may have in and to said inventions in consequence of the grant of Letters Patent thereof. Now this Indenture Witnesseth, that for and in consideration of the sum of one dollar in hand paid, the receipt whereof is hereby acknowledged I have sold and assigned, and do hereby transfer and convey, to the said Thomas A. Edison, and George Harrington, in the proportion of one undivided third part to said Edison, and two undivided third parts to said Harrington, the full and exclusive right and title to all the improvements made by me as fully set forth and shown in the specifications which I have prepared and executed under date of August 7th 1874 preparatory to the obtaining of Letters Patent thereof; and I do hereby authorize and request the Commissioner of Patents to issue the said Letters Patent to the said Thomas A. Edison and George Harrington as the assignees of my whole right and title thereto, for the sole use and behoof of the said Thomas A. Edison and George Harrington or their legal representatives, it being understood that said profits resulting from said inventions and Letters Patent resulting from joint or separate effort, are to be divided in proportion to the interest held by the respective parties hereto, or their legal representatives.

In Testimony Whereof, I have hereunto set my hand and affixed my seal this 7th day of March in the year one thousand eight hundred and seventy five.

Sealed and delivered in the presence of

Thos. A. Edison

Thos. J. Eckert

Mortgage on Goods and Chattels. INGALLS & CO., Law Blank Publishers, Newark, N.J.

Know all Men by these Presents, THAT

I, Ezra T. Gilliland

of the City of Newark in the County of Essex and State of New Jersey party of the First Part, for securing the payment of the money herein mentioned, and in consideration of the sum of One Dollar to me duly paid by Thomas A. Edison

of the said City of Newark in the County of Essex and State of New Jersey party of the Second Part, at or before the ensealing and delivery of these presents, the receipt whereof is hereby acknowledged, have bargained and sold, and by these presents do bargain and sell unto the said party of the second part, his executors, administrators and assigns, all the goods and chattels mentioned in the schedule hereunto annexed, and now in my possession at No. 10 & 12 Ward Street in the City of Newark aforesaid

To Have and to Hold, all and singular the said goods and chattels above bargained and sold, or intended so to be, unto the said party of the second part his executors, administrators and assigns, forever. And I the said party of the first part, for myself & my heirs, executors, administrators, all and singular the said goods and chattels above bargained and sold, unto the said party of the second part his executors, administrators and assigns, against me the said party of the first part, and against all and every person or persons whomsoever, shall and will warrant and forever defend.

Upon Condition, that if I the said party of the first part, shall and do well and truly pay unto the said party of the second part his executors, administrators and assigns, the just and full sum of Thirty Seven Hundred and Thirteen Dollars and Ninety three cents, according to the conditions of Seven certain promissory Notes, bearing even date herewith made by said party of the first part to said party of the second part.

then these presents shall be void. And I the said party of the first part, for myself and my heirs, executors, administrators and assigns, do covenant and agree to and with the said party of the second part his executors, administrators and assigns, that in case default shall be made in the payment of the said sum above mentioned, or in case the said party of the first part shall, at any time before the day of payment herein provided for, remove the said goods and chattels, or any of them, or permit or suffer any attachment or other process against property to be issued against me or permit or suffer any judgment to be entered up against me then the said sum of money herein mentioned shall become instantly due and payable, and then it shall and may be lawful for, and I the said party of the first part do — hereby authorize and empower the said party of the second part

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STATE OF NEW-JERSEY, COUNTY OF Essex } SS. Be it Remembered, That on this Seventh day of July in the year of our Lord One Thousand Eight Hundred and Seventy four before me, a Commissioner of Deeds personally appeared Ezra T. Gilliland who, I am satisfied, he the grantor in the within Deed of Conveyance named, and I having first made known to him the contents thereof, he then acknowledge that he signed, sealed and delivered the same as his voluntary act and deed, for the uses and purposes therein expressed.

And also said Arthur Devine Commissioner of Deeds being-by-me-privately-examined, separate-and-apart-from-husband, this further acknowledge that signed, sealed, and delivered the same as voluntary act and deed, FREELY, without any fear, threats or compulsion of said husband

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MORTGAGE ON GOODS AND CHATTELS.

Ezra T. Gilliland
to
Thomas A. Edison

Dated July 7th 1875

Filed July 20th 1875

Henry C. Gordon
Rep.

Essex County ss. Filed the within is a true copy of a mortgage duly recorded in the office of Clerk of Essex County.
Witness my hand and seal of said office this 17th day of July A.D. 1875
Henry C. Gordon
Clerk

LAW BLANK PUBLISHERS
INGALLS & CO.
NEWARK, N.J.

his executors, administrators and assigns, with the aid and assistance of any person or persons, to enter said premises No. 10 & 12 Ward Street dwelling-house, store and other premises, and such other place or places, whatever, in which the said goods and chattels, or any of them, are or may be placed, and take and carry away the said goods and chattels, and to sell and dispose of the same for the best price they can obtain; and out of the money arising therefrom, to retain and pay the said sum above mentioned, and all charges touching the same, rendering the overplus (if any) unto me the said party of the first part my heirs, executors, administrators or assigns

In Witness Whereof, I the said party of the first part have hereunto set my hand and seal the ——— day of ——— in the year of our Lord One Thousand Eight Hundred and Seventy five

Sealed and delivered in the presence of
Chas. Batchelor

Ezra T. Gilliland L.S.

Schedule referred to

7 Parker Vices 633	44.31
3 Mill Machines	520.00
4 Hand Lathes	320.00
3 Engine Lathes	865
1 Screw Machine	550.
1 Drill Press	140.
1 Shaping Machine	200.
1 Emery Grinder	25.
Shafting Hanger & pulley	205.01
Benching and drawers	40.00
1 Slide Rest	50.00
9 Chucks Horton Whitton & Washburn	138.00
1 Grindstone and Frame	20.00
1 Forge and Anvil	40.00
1 Punch Press	50.00
Polishing Wheels and heads	32.00
336 ft. Belting	61.72
Reamers screw machine tools, etc.	422.89
	$3713.93

Ezra T. Gilliland L.S.

Copy of schedule referred to annexed to chattel mortgage in the annexed Bill of Sale

Witness
M. L. P. Vancort

Ezra T. Gilliland

List of Gilliland's notes to Edison

												Date
1875	July	12	20 days	$400.00	Int.	$1.56		$401	56	Aug 4	1875
"	Aug.	1st	30 days	$200.00	$1.16	✓		201	16	Sep 3	"
"	Aug.	1st	60 days	$200.00	$2.32	✓		202	32	Oct 3	"
"	Aug.	1st	90 days	$200.00	$3.48	✓		203	48	Nov 2	"
"	Aug.	1st	4 Months	$200.00	$4.64	✓		204	64	Jan 3	1876
"	Aug.	1st	5 Month	$200.00	$5.75	✓		205	75	Feb 3	1876
"	Aug.	1st	6 Month	$315.08	$11.02	✓		326	10	Mch 3	1876
"	July	12	9 Month	$500.00	$26.25	✓		$526	25	April 15	1876
"	July	12	12 Months	$500.00	$35.00	✓		$535	00	July 15	1876
"	July	12	15 Month	$500.00	$43.75	✓		543	75	Oct 15	1876
"	July	12	18 Months	$500.00	$52.50	✓		552	50	Jan 15	1877
"	July	12	21 Months	$500.00	$61.25	✓		561	25	April 15	1877
"	July	12	24 Months	$500.00	$70.00	✓		570	—	July 15	1877
"	July	12	27 Months	$713.93	$112.41	✓		826	34	Oct 15	1877
				$5529.01							

Aug 4th 1875.
1st Note 401.56 paid —

List of notes endorsed by Thos A Edison to E T Gilliland on the 8th day of January A.D. 1877
M. L. P. Vancort

noted the same unto me the party of the second part his executors administrators and assigns forever. And I do covenant and agree to and with the said party of the second part to warrant and defend the sale of the said goods and chattels hereby sold unto the said party of the second part his executors administrators and assigns against every person and persons whomsoever

In witness whereof I have hereunto set my hand and seal this third (3) day of January A.D. Eighteen Hundred and seventy seven (1877)

Signed sealed and delivered in the presence of
M. L. P. Vancort

Ezra T. Gilliland

Apr. 5	6	Inductoriums	$4		24		
"	6	Inductoriums Boxes	50¢		3		
"	13	Morse Keys	1.25	37½% off	35	10	
"	4	Morse Sounders	5.00	30 off	14		
"	6	Ink Recorders incomplete	35¢		15		

[illegible] in which
may be placed [illegible] the
the same for the best price they can obtain,
and pay the said sum above mentioned, and
plus (if any) unto me the said party of
ors or assigns _____

party of the first part has hereunto set
day of _____ in the
and Seventy five

Ezra T. Gilliland L.S.

[illegible] agreed to

44.31
520.00
320.00
860.
550.
140.
200.
25.
[illegible]ley 205.01
40.00
50.00
[illegible]Hashbrown 138.00
20.00
40.00
50.00
[illegible] 32.00
61.72
tools, etc. 422.89
$3713.93

T. Gilliland L.S.

[illegible] to Mortgage and to chattel
[illegible] Bill of Sale
[illegible]lliland

Know all Men by these Presents, That I, Ezra T. Gilliland of the City, County and State of Newark, formerly of the City of Newark, in the County and State of New Jersey, party of the First Part, for and in Consideration of the return of the second promissory notes mentioned in the mortgage of which a certified copy is hereto annexed, and also all other notes given by me, bearing date the Third day of August in the year eighteen Hundred and Seventy five given to secure the payment of the purchase money of the goods and chattels hereinafter referred to. And the further consideration of the sum of one dollar, lawful money of the United States to me in hand paid at or before the ensealing and delivery of these presents, by Thomas A. Edison of Menlo Park, County of Middlesex and State of New Jersey, party of the Second Part, the receipt thereof is hereby acknowledged, have bargained and sold and by these presents do grant and convey unto the said party of the second Part his executors, administrators and assigns, the goods and chattels, particularly described and mentioned in the schedule on the mortgage given by the said Gilliland to the said Edison, filed in the Register's office of the County of Essex on July 22 "A.D. 1875" a copy of which is hereunto annexed, also the goods and chattels in the Schedules hereunto annexed, marked schedule "A" and schedule "B" mentioned and described, all of which said goods and chattels are now in the possession of the said Party of the second part and are the goods and chattels for which the said mortgage and notes were given. To have and to hold the same unto the said Party of the Second Part his executors, administrators and assigns forever. And I do covenant and agree to and with the said Party of the Second Part to warrant and defend the sale of the said goods and chattels hereby sold unto the said party of the Second Part, his executors, administrators and assigns against every person and persons whomsoever.

In witness whereof I have hereunto set my hand and seal this Third (3) day of January One Eighteen Hundred and seventy seven (1877)

Signed sealed and delivered in the presence of:
H. L. Bangs
Ezra T. Gilliland

Apr 5	6	Inductoriums $4	24	
"	6	Inductoriums Boxes 50¢	3	
"	12	Morse Keys 4.25 20 off	3.5	10
"	4	Morse Sounders 3.50 20 off	14	
"	6	Ink Recorders incomplete 7.50	45	
"	1	Show Case	40	
"	6	Cups large Battery $1.50	9	
"	1	Small Table	3	
"	1	Chest drawers	5	
"	15	Old learners Quit 25¢	3	
"	2	Magnets Boxes 55¢		10
"	6	Dises for Sounders Reg		
"	60	Small " "	75	
"	12	Table Binding post 20¢	2	40
"	4	Ink Recorders incomplete 7.25	29	
Apr 7th	4	Relays with spools $6	24	
"	14	Relays without Spools $4	56	
"	2	Relays without Spools $4	8	
"	1	" "	4	
"	4	Sounder Boxes 20¢		80
"	2	Learners Quit 20¢		40
"	24	Rolls paper 100 60 off 2.50		96
May 3	1	Galvanometer Bradley	25	
"	1	Differential " "	60	
"	50	Morse Keys 4.25 20 off	148	75
"	1	Board of parts	5	
"	120 lb	line wire at 9¢	10.80	631.51

Witness
H. L. Bangs
E. T. Gilliland

Inventory & Bill of Sale
E. T. Gilliland
Cook

1	1 May 21	481	Glass Jars	1 doz	82	41
1	18		Porous Cups	8c	14	48
1	17 lb		Relay Stock at	45c lb	7	65
1	96½ ll		Copper wire Bat Conn	8½	11	13
1	899		Carbon Connections	at 22	205	75
1	27		Indicatorium Covers	50	13	50
1	3		Pair bars planed on side			30
1			Inde Recorder Tools		35	
1	80 lb		Relay rc Stock	45c	36	
1	20 "		Induc "	45	9	
1	30 "		Sounder "	45	13	50
1	140 "		Relay "	45	63	
1	108		Register "	45	48	60
1	168		" "	45	75	60
1	1		Batch Small Jars		2	
1	1		Batch of Centered Shaft Stock		10	
1	235 ll		Reg. Relay & Sounder	45	105	75
1	200		Rolling Screws	24	40	
1	8 lb		Cast Brass	45c	3	60
1	2000		Clamps	24	10	
1	72		Spool Ends	3	2	16
1	76 ll		Sheet Zinc	11½	13	30
1	9		Indicatorium Coils Com	12	18	
1	81		" Bases	50	40	50
1	111		New Sounder Bases & feet		12	30
1	62		Register bases	80	49	60
1	68		Relay "	30	20	40
1	67		Sounder "	10	6	70
1	389		Indic handles	2¾	10	70
1	270		Zn. covers	1	2	75
1						$994.44

E. T. Gilliland

witness
H. H. Vandyke

This contract was printed with the autographic press. The Harry F. Miller file also contains six identical printed contracts between Thomas A. Edison and D. E. Drake, all signed September 14, 1875, granting Drake the exclusive license to sell Edison's autographic press in Connecticut, Maine, New Hampshire, Rhode Island, Vermont, and New York, excepting New York City and Brooklyn. The number of pens representing a satisfactory average weekly sale differs with each contract.

Autographic Press
Contract between
Thomas A Edison
and
D E Drake
Massachusetts

Ten per week

This agreement entered into this day of 187 by and between Thomas A Edison of the city of Newark, Essex Co. State of New Jersey party of the first part and D E Drake of the city of Newark and state of N Jersey party of the second part witnesseth

In consideration of the sum of one dollar in hand to me paid the receipt of which is hereby acknowledged the said party of the first part does hereby grant an exclusive license to sell Edisons Autographic Press for which a patent has been applied for in the US patent office, in the state of Massachusetts for a period of one year from date provided; the party of the second part shall work up the said state by the establishment of sub agencies, and dispose of such a number of presses as shall be satisfactory to the party of the first part.

The said party of the first part agrees to allow no person other than the party of the second part or his agents to sell by personal solicitation in such state during the continuance of this agreement,

It is further agreed that the party of the second part shall allow his sub-agents a sum not less than six dollars on each press sold by them.

This contract may be annulled by either on thirty days notice in writing

Witness our hand and seals this 14 day of September 1875

Witness

Romanus Miller

Thos A Edison (Seal)

S. O. Draper (Seal)

An average sale of Ten (10) per week in the state of Massachusetts will be satisfactory

Thos A Edison

M. Miller

Autographic Press
Contract between
Thomas A. Edison
and
W. H. Blennerhassett
& Chas P. Edison

This AGREEMENT entered into this 1 day of October 1875 by and between Thomas A Edison of the city of Newark, Essex Co. State of New Jersey, party of the first part and W H Blennerhassett & Chas Edison of Port Huron Mich parties of the second part witnesseth

In consideration of the sum of one dollar in hand to me paid the receipt of which is hereby acknowledged the said party of the first part does hereby grant an exclusive license to sell Edisons Autographic Press for which a patent has been applied for in the U.S patent office, in the state of Michigan for a period of one year from date provided; the party of the second part shall work up the said state by the establishment of sub agencies, and dispose of such a number of presses as shall be satisfactory to the party of the first part.

The said party of the first part agrees to allow no person other than the party of the second part or his agents to sell by personal solicitation in such state during the continuance of this agreement.

2

It is further agreed that the party of the second part shall allow his sub-agents a sum not less than six dollars on each press sold by them.

This contract may be annulled by either on thirty days notice in writing

Witness our hand and seals this 1 day of October 1875

Witness

Thos A. Edison (Seal)

W. H. Blennerhassett (Seal)

C. Edison (Seal)

The sale of one machine per week in the state of Michigan will be satisfactory

T. A. Edison

Chas Edison to Receive $8. dollars on each machine and Blennerhassett $8.

T. A. Edison

W. H. Blennerhassett

C. Edison

Autographic Press
Contract between
Thomas A Edison
and
J. C. Edison
State of
Minnesota U.S.

This Agreement entered into this 4 day of Oct. — 1875 by and between Thomas A Edison of the city of Newark Essex Co. State of New Jersey party of the first part and J. C. Edison of Fort Gratiot, Michigan State, party of the second part witnesseth

In consideration of the sum of one dollar in hand to me paid the receipt of which is hereby acknowledged the said party of the first part does hereby grant an exclusive license to sell Edisons Autographic Press for which a patent has been applied for in the U.S. patent office, in the state of Minnesota for a period of one year from date provided; the party of the second part shall work up the said state by the establishment of sub agencies, and dispose of such a number of presses as shall be satisfactory to the party of the first part.

The said party of the first part agrees to allow no person other than the party of the second part or his agents to sell by personal solicitation in such state during the continuance of this agreement,

2

It is further agreed that the party of the second part shall allow his sub-agents a sum not less than six dollars on each press sold by them.

This contract may be annulled by either on thirty days notice in writing

Witness our hand and seals this 4th day of October 1875

Witness

Chas Batchelor — Thos A Edison (Seal)

J H Wilkins — Geo. L. Edison

A Sale of One per week in this State will be satisfactory to me.

Thos A Edison

Autographic Press
Contract between
Thomas A Edison
and
John Mott Gloyne
Ontario.

4.

This AGREEMENT entered into this 16 day of Nov. 1875 by and between Thomas A Edison of the city of Newark, Essex Co. State of New Jersey party of the first part and John Mott Gloyne party of the second part witnesseth

In consideration of the sum of one dollar in hand to me paid the receipt of which is hereby acknowledged the said party of the first part does hereby grant an exclusive license to sell Edisons Autographic Press for which a patent has been applied for in the U.S. patent office, in the Province of Ontario for a period of one year from date provided; the party of the second part shall work up the said state by the establishment of sub agencies, and dispose of such a number of presses as shall be satisfactory to the party of the first part.

The said party of the first part agrees to allow no person other than the party of the second part or his agents to sell by personal solicitation in such state during the continuance of this agreement,

It is further agreed that the party of the second part shall allow his sub-agents a sum not less than six dollars on each press sold by them.

This contract may be annulled by either on thirty days notice in writing

Witness our hand and seals this 11th day of Nov. 1875.

Witness
J R Keenan

Thos A. Edison
by Manuel Miller
Atty.

J. T. Sloan

Price of Chemistes complete $20.
A Sale of twenty Chemistes before the 1st. day of January 1876. and four Chemistes each week thereafter will be satisfactory to me as long as continued.

Thos A. Edison
by Manuel Miller
Atty.

The other Provinces of the Dominion of Canada to be kept open till Jany. 1876 with reference to giving this Agency to Mr Sloan upon the same terms as Ontario.

M. Miller
Atty.

Autographic Press
Contract between
Thomas A Edison
and
Wm. H. Barnard
Md. Wd. Va.

This AGREEMENT entered into this 5th day of Dec. 1877. by and between Thomas A Edison of the city of Newark. Essex Co. State of New Jersey party of the first part and Wm. H. Barnard, of Washington D.C. party of the second part. witnesseth

In consideration of the sum of one dollar in hand to me paid the receipt of which is hereby acknowledged the said party of the first part does hereby grant an exclusive license to sell Edisons Autographic Press for which a patent has been applied for in the U.S patent office, in the states of Md. Wd. & Va. for a period of ~~one~~ two years from date provided; the party of the second part shall work up the said state by the establishment of sub agencies, and dispose of such a number of presses as shall be satisfactory to the party of the first part.

The said party of the first part agrees to allow no person other than the party of the second part or his agents to sell by personal solicitation in such state during the continuance of this agreement,

It is further agreed that the party of the second part shall allow his sub-agents a sum not less than six dollars on each press sold by them.

This contract may be annulled by either on ~~thirty~~ ninety days notice in writing, at any time after July 4th 1876.

Witness our hand and seals this 5th day of Dec. 1875.

Witness.
W W Murphy

Thos A Edison (Seal)
M H Barnard (Seal)

(H)

A sale of an average of 500 Pens per week in the entire territory (Estate) will be deemed satisfactory to me.

Thos A Edison

Autographic Press
Contract between
Thomas A Edison
and
G. O. Clephane
in
District of Columbia

[illegible]
was given sold
[illegible] provided
[illegible] in
[illegible] of
[illegible] but his
[illegible]
1956

This AGREEMENT entered into this 8th day of December 1878, by and between Thomas A Edison of the city of Newark, Essex Co. State of New Jersey party of the first part and G. O. Clephane of Washington D. C. party of the second part, witnesseth

In consideration of the sum of one dollar in hand to me paid the receipt of which is hereby acknowledged the said party of the first part does hereby grant an exclusive license to sell Edisons Autographic Press for which a patent has been applied for in the U.S. patent office, in the District of Columbia for a period of one year from date provided; the party of the second part shall work up the said state by the establishment of sub agencies, and dispose of such a number of presses as shall be satisfactory to the party of the first part.

The said party of the first part agrees to allow no person other than the party of the second part or his agents to sell by personal solicitation in such state during the continuance of this agreement;

It is further agreed that the party of the second part shall allow his sub-agents a sum not less than six dollars on each press sold by them.

This contract may be annulled by either on thirty days notice in writing.

Witness our hand and seals this 3rd day of Sept. 1875.

Witness on part of Edison: H. C. Miller

Witness on the part of Stephens: Arthur Williams

J. A. Edison (SEAL)

Jas. O. Stephens (SEAL)

A sale of two papers per week in the district of Columbia will be satisfactory to me.

J. A. Edison

Witness: H. C. Miller

The Western Union Telegraph Company

and

Thomas A. Edison

Agreement for Mutual Releases

Dated December 14th 1875

Potts Loney Green & Stone
197 Broadway

Agreement for mutual Releases, this day entered into between the Western Union Telegraph Company of the one part and Thomas A. Edison of the other part.

— Whereas legal controversies have arisen and now exist between the parties in respect to certain inventions made by said Edison, which inventions were the subject of an agreement between said Edison and George B. Prescott, dated August nineteenth one thousand eight hundred and seventy four, and subsequently of negotiations between the Company upon the one part and the said Edison and Prescott upon the other part whereby the said Company sought to purchase from Edison and Prescott the sole title to the same and all Letters Patent to be issued therefor, which negotiations the Company claims did result in a contract binding upon said Edison and Prescott for the conveyance of all their right, title and interest in and to said inventions and letters patent issued thereon, but all which claims said Edison denies and resists, and refuses to make any further conveyance to the said Company

of his interest in said inventions or letters patent, or any part thereof, in consequence of which refusal an action has been begun by the Company in the State of New Jersey against the said Edison and Prescott to enforce specific performance of the contract which it asserts.

Now, in consideration of the premises and the mutual promises and releases herein contained, it is agreed by each of the parties hereto, as follows:

First. The Western Union Telegraph Company hereby releases the said Edison from any claim which it may now or at any time hereafter have against him for pecuniary damages for the breach of contract by it alleged as above stated, over and above the amount of Two hundred and fifty dollars, and agrees not to prosecute the said Edison for such pecuniary damages for any amount exceeding Two hundred and fifty dollars; and not to prosecute him for any amount whatever unless such prosecution shall be, in the opinion of its Counsel, necessary or convenient in order to determine at law some of the rights of the parties in respect to the premises.

Second. The said Edison hereby releases

the Western Union Telegraph Company from all claims which he now has or may hereafter have against it for any further payment on account of the inventions or letters patent above referred to, or any right or interest therein which the said Company may succeed in establishing or maintaining; it being understood that neither party intends in any way to waive or compromise his claim or defence in respect to the controversies above recited, except as herein expressly stated. And said Edison also hereby consents that said George B. Prescott may assign any interest which he may now or hereafter have in said inventions or letters patent thereon to the Western Union Telegraph Company: and does for himself hereby assign and set over to the Western Union Telegraph Company all his now remaining interest, if any, in the said inventions or letters patent granted or to be granted thereon; and does further stipulate upon the request and at the charge of the said Western Union Telegraph Company to execute and deliver to them complete assignments of all the remaining interest if any which may by the final judgment of any competent Court be decided to

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be in him at the date of this instrument; but it being also further understood that this contract does not and is not intended to affect the rights or interests of any other person or corporation to whom the said Edison has heretofore assigned interests in the said inventions or letters patent.

In Witness whereof the said Western Union Telegraph Company has caused its common seal to be hereunto affixed and its corporate name to be hereunto subscribed by the hand of its President and the said Edison has hereunto set his hand and seal the fourteenth day of December in the year one thousand eight hundred and seventy five.

The Western Union Telegraph Company
By Wm. Orton
President

A. R. Robinson
Secy.

Thos. A. Edison

Witnesses:
Norman C. Miller
George H. Fagan

The Western Union Telegraph Company and Thomas A. Edison.

Agreement.

Dated, December 14, 1875.

Potts, Lowney Soren & Stone
195 Broadway N.Y.C.

This Agreement entered into this fourteenth day of December in the year one thousand eight hundred and seventy five by and between the Western Union Telegraph Company, party of the first part and Thomas A. Edison, of the City of Newark, County of Essex and State of New Jersey, party of the second part, witnesseth:

The said Edison agrees to invent construct and place in practical operation upon the lines of the said Company, a system or method for telegraphing by vibrations of the kind referred to and more particularly described under the head of "The Acoustic Telegraph" in a work called the "Wonders of Electricity" published by Charles Scribner & Co in 1872. whereby not less than five or more distinct and seperate messages can be transmitted on a single wire in opposite directions at one and the same time, without interference with each other, said system to be hereafter called the Acoustic Telegraph.

It is further agreed by the said Edison that he shall cause to be made from time to time "Caveats" describing his ideas and experiments, to be filed in the Patent Office at Washington,

copies of which are to be delivered to said Company as soon as practicable after each part of such system shall be invented or discovered, accompanied by assignments of the invention or discovery so described, to the Western Union Telegraph Company as sole assignee; with directions that the patent shall issue to said Western Union Telegraph Company when issued, and will also sign and deliver applications for letters patent in due form to be used by the attorneys hereinafter named at their discretion.

The said Edison shall from time to time construct all such models as may be convenient or necessary for the purposes of such applications, or such of them as in the opinion of William Orton, President of the Company, are necessary to protect such system of Acoustic Telegraphy, or any part thereof.

The said Edison shall also from time to time upon the request of the Western Union Telegraph Company make and sign such new and different applications as may become necessary or desirable for each invention discovery or improvement made by him in said system of Acoustic Telegraphy; and in like manner new assignments of the subject matter of each application

with like request for issue of Letters Patent to said Company: it being the intent and purpose of the said Edison, for the considerations hereinafter named or provided, to secure to the Western Union Telegraph Company the sole title to and monopoly in the United States of all inventions or discoveries made or to be made by him which are necessary to perfect Acoustic Telegraphy. For the purpose of securing more fully the object herein stated, the said Edison shall also nominate and appoint Grosvenor P. Lowrey his attorney irrevocable, with power of substitution and revocation, to prosecute all applications in the Patent Office covered by this agreement, and to represent said Edison in all matters respecting such applications: all papers necessary to the full performance of the respective stipulations herein, and all costs for legal service, to be at the charge of the Western Union Telegraph Company.

The said Edison further agrees to use the utmost diligence in carrying forward his experiments for perfecting and introducing the said system of Acoustic Telegraphy upon the lines of the said Telegraph Company: the said Company agrees to furnish full

facilities in all its offices and shops and over all its wires for testing such invention and to pay all the actual expenses of experimentation, not exceeding two hundred dollars per week, to be accounted for by vouchers, until such invention has been completed to the satisfaction of William Orton, representing the Company, and in satisfactory operation upon its lines. But such weekly payments may be discontinued at any time at the option of the said Orton, if in his opinion the results obtained at the time do not warrant such expenditures, or if he disapproves of the method of disbursing such monies. All necessary expenses for patent office and Solicitors fees for obtaining letters patent in the United States for said Acoustic Telegraph are to be paid by the Company.

For and in consideration of the stipulations herein by Edison, and of the perfecting introducing and assigning such inventions, and of due performance of the provisions of this contract, the Company agrees, in addition to the payment of the charges and expenses above provided for, to pay to said Edison, upon the completion of a satisfactory system

of Acoustic Telegraphy, and the issue of Letters Patent therefor to it as herein stipulated a sum not less than Six thousand dollars, and a further sum, the amount and the manner of payment of which is to be left to the fairness and judgment of the said Orton; provided however that in case of refusal or failure by said Orton to fix and determine such price within three months after demand by said Edison, the price shall be fixed by a Board of Arbitrators, consisting of three skilled persons, one to be chosen by each party hereto, and the third by such two, and whose award shall be final. The said Edison shall have the right in like manner to appeal to arbitration if in his opinion any price fixed by said Orton is grossly inadequate or unfair. but in all cases the arbitrators in forming their judgment of value shall consider only the commercial value of such invention to the Company, in view of its existing facilities, means of business and also the cost of applying and economy in using the same in comparison with any other method of telegraphy known at the time, as well as the expenditures already

(8.)

made by the Company in respect of Acoustic Telegraphy. Upon these and all such considerations as ought to control the Company acting as a purchaser, the Arbitrators shall decide what further sum, if any, shall be paid to the said Edison. In case the Company shall be dissatisfied with the Award of any board of Arbitrators, it may discharge itself from obligation to pay the same, by offering to re-assign to Edison, his legal representatives or assigns, the subject matter for which the Award was made, on receiving repayment of the sum (not including expenses) formerly paid thereon, and by making such reassignment on receiving such repayment.

It is also agreed that while experimenting upon the subject of Acoustic Telegraphy, the said Edison shall not make, invent or operate any system or apparatus for telegraphy for any other Company opposed to or competing with the Western Union Company. Provided however that this period shall not continue for more than one year.

It is also agreed that if said Edison shall at anytime hereafter make or discover any process, device, instrument or method which is an improvement,

upon any of the processes, devices or apparatus used in Acoustic Telegraphy and covered or intended to be covered by this agreement; assignments therefor and of all letters patent thereon shall be immediately, or as soon as practicable, and as above provided, made to William Orton, personally, to be by him held in trust, subject to a satisfactory or legal adjustment of price in the same manner as hereinbefore provided. The said Edison shall in like manner through an attorney satisfactory to said Orton, file caveats and applications and prosecute the same in good faith, but at the expense of said Orton.

In Witness whereof the said party of the first part has caused its common seal to be hereunto affixed and its corporate name to be hereunto subscribed by the hand of its President; and the said party of the second part has hereunto set his hand and seal the day and year first above written.

The Western Union Telegraph Company
By William Orton
President.

A. R. Brewer
Secy.

Witnesses:
Thos. A. Edison
Hermann Mueller
George F. Gaggin

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G. P. Lowrey
Power of Atty

Thomas A. Edison
to
Grosvenor P. Lowrey

Power of Attorney

Dated. Dec. 14. 1875

Whereas Articles of Agreement bearing date the fourteenth day of December in the year One thousand eight hundred and seventy five were duly made between the Western Union Telegraph Company of the first part and myself the undersigned Thomas A. Edison of the second part whereby for the considerations therein set forth I agreed to invent construct and place in practical operation upon the lines of the said Company a system or method for telegraphing by vibrations of the kind referred to and more particularly described under the head of the Acoustic Telegraph in a work called the Wonders of Electricity published by Chas. Scribner & Co. in 1872 whereby not less than five or more distinct and separate messages can be transmitted on a single wire at one and the same time without interference with each other said system to be called the Acoustic Telegraph.

And Whereas I did thereby further agree to cause to be made from time to time caveats describing my ideas and experiments to be filed in the Patent Office at Washington and to deliver copies of such caveats to said Company as soon as practicable after each part of such system should be invented or discovered accompanied by assignments of the invention or discovery as described to the said Company as sole assignee with directions that the patent should issue to said Company when issued and that I would also deliver applications for letters patent in

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due form.

And Whereas I further agreed that I would make and sign such new and different applications as might become necessary or desirable for each invention discovery or improvement made by me in said system of Acoustic Telegraphy and in like manner new assignments of the subject matter of each application with like request for issue of letters patent to said Company and would constitute Grosvenor P. Lowrey of the City of New York my attorney irrevocable with power of substitution and revocation to act for and represent me in all proceedings in or before the Patent Office relating to the obtaining of Letters Patent.

Now Therefore Know all men by these Presents that I Thomas A. Edison of the City of Newark Essex County in the State of New Jersey ~~and~~ in consideration of said agreement and for the purpose of complying with and fully carrying out the terms thereof have made constituted and appointed and by these presents do make constitute and appoint Grosvenor P. Lowrey of the City of New York my true and lawful attorney irrevocable with full power of substitution and revocation for me and in my name place and stead to file in the Patent Office of the United States any caveats made by me from time to time describing my ideas and experiments in relation to Acoustic Telegraphy; to prosecute any applications for Patents for any such

inventions or for any new or additional inventions discoveries or improvements made by me in relation to said system of Acoustic Telegraphy and to represent me in all matters respecting such applications which are or may be necessary for perfecting the said system and enabling the said Company to receive the full benefit and advantage of the agreement above recited and to do all and every other act and thing requisite and necessary to secure to the said Company the full benefit and advantage of all my inventions and discoveries relating to said system of Acoustic Telegraphy giving and granting unto my said Attorney full power and authority to do and perform all and every act and thing whatsoever requisite and necessary to be done in and about the premises as fully to all intents and purposes as I might or could do if personally present hereby ratifying and confirming all that my said attorney or his substitute shall lawfully do or cause to be done by virtue hereof.

In Witness whereof I have hereunto set my hand and seal the fourteenth day of December in the year one thousand eight hundred and seventy five.

(signed) Thos A. Edison (Seal)

Sealed and delivered
in the presence of

(signed) Norman C. Muller.
" George T. Fagan

Compared by me with original copy on file in this office and found to be correct.

A. R. Brewer
Secy. W. U. Tel. Co.

Agreement.
Thomas A. Edison
and
Lily G. Yeaton
Foreign Patents
Electrical Pen & Duplicating Press

Memorandum of an Agreement made this fourth day of March A.D. 1876, between Thomas A. Edison of Newark, New Jersey, party of the first part and Lily G. Yeaton of New York City, party of the second part.

Whereas the party of the first part has invented a certain device known as the "Edison Electrical Pen and Duplicating Press", and has already applied or is about to apply for patents on said invention in the following countries, viz:- England, France and Belgium, Austria, Prussia, Russia Italy (Sardinia) Australia, Spain and India.

And whereas the party of the second part possesses superior facilities, through her Agent, Charles E. Yeaton for introducing and selling patents.

And whereas the party of the first part recognizes the facilities possessed by the party of the second part and desires to negotiate through said last named party all his (the party of the first part's) right, title and interest in the aforesaid named patents in the countries above named, as follows, viz:- The patent aforesaid of England the party of the first part agrees to sell for ten thousand dollars, and all that said party of the second part may secure over such amount shall become her property. The aforesaid patents of France and Belgium the party of the first part agrees to sell for ten thousand dollars together, and all that the party of the second part may secure above said last

[1]

named amount shall become her property. The aforesaid patent for Austria the party of the first part agrees to sell for five thousand dollars, and all that the party of the second part may secure beyond said last named amount shall become her property. The aforesaid patent for Prussia the party of the first part agrees to sell for four thousand dollars, and all that the party of the second part may secure above said last named amount shall become her property. The aforesaid patent for Russia the party of the first part agrees to sell for four thousand dollars, and all that the party of the second part may secure above said last named amount shall become her property. The aforesaid patent for Italy and Sardinia the party of the first part agrees to sell for third thousand dollars together, and all that the party of the second part may secure above said last named amount shall become her property. The aforesaid patent or patents for Victoria New South Wales, Australia, the party of the first part agrees to sell for five thousand dollars, and all that the party of the second part may secure over said last named amount shall become her property. The aforesaid patent for Spain the party of the first part agrees to sell for four thousand dollars, and all that the party of the second part may secure above said last named amount shall become her property. The aforesaid patent for India the party of the first part agrees to sell for ten thousand dollars, and all that the party

[2]

of the second part may secure above said last named amount shall become her property.

It is proposed by the parties hereto that the price of sale of the patents for the following countries shall be as follows, viz:- for England, twenty five thousand dollars, cash; for France and Belgium together twenty thousand dollars, cash; for Austria eight thousand dollars, cash; for Prussia eight thousand dollars, cash; for Russia eight thousand dollars, cash; for Italy and Sardinia, together, six thousand dollars, cash; for Victoria- New South Wales- Australia, eight thousand dollars, cash; for Spain eight thousand dollars, cash; and for India twenty five thousand dollars, cash.

It is moreover hereby understood and agreed by and between the parties hereto that during the continuance of this Agreement the party of the second part shall, through her Agent, Charles E. Yeaton, have entire control of the sale of the aforesaid patents without hindrance or interference; and that the party of the first part shall not, if applied to or importuned, name any other price or prices for the aforesaid named countries or places than those last named, prefixed by name of country or place, respectively; and that the party of the first part shall in every instance, when applied to or importuned, to make sale of any such patent or patents aforesaid, refer such party or parties so applying or importuning to the said party of the second part, or her said Agent,

at 27 Union Square, in the City of New York.

It is further agreed between the parties hereto that this Agreement shall continue in full force for two months from date first before named; but shall become, at the expiration of said time, null and void, unless in the meantime the American patent shall have been sold, netting the said party of the first part the sum of sixty thousand dollars in cash, that of England ten thousand dollars in cash and that of those of France and Belgium combined, ten thousand dollars in cash, making in all eighty thousand dollars in cash, in which case the parties hereto agree that this Instrument shall continue in full and perpetual force unless dissolved by mutual agreement.

It is further agreed between the parties hereto that in any instance this Agreement may be extended beyond the two months, aforesaid, if the party of the first part so decrees, in writing, at the end of this Instrument.

Now, therefore, for and in consideration of one dollar in hand paid by the party of the second to the party of the first part, receipt whereof is hereby acknowledged, and for the considerations herein set forth, we hereby subscribe our names to carry out in full force every stipulation herein made, and bind our heirs, executors, administrators and assigns to do the same.

In witness whereof the parties hereto have set their hands and affixed their seals in duplicate the day and year first above named.

In presence of as to
Lily G. Yeaton's
signature
Dennis Malone

Thos. A. Edison
Lily G. Yeaton

In presence of as to
Thomas A. Edison's
signature
Chas. C. Yeaton

(COPY)

This agreement entered into this twenty-eighth day of November, eighteen hundred and seventy-six, by and between Thos. A Edison, of Menlo Park, County of Middlesex, and State of New Jersey, and Robert Gilliland, of Hudson, Lenewee County, State of Michigan, parties of the first part, and the Western Electric Manufacturing Company, of Chicago, Cook County, State of Illinois, party of the second part;

And WHEREAS the parties of the first part are the sole owners of all the right, title, and interest in a certain patent granted by the United States, August 8th, 1876, and numbered one hundred and eighty thousand eight hundred and fifty-seven, and also a certain patent granted by the Dominion of Canada, Sept. 6th, 1876, and numbered six thousand five hundred and eight, for an electrical pen and duplicating press for Autographic Printing;

And WHEREAS the said parties of the first part are in possession of a certain lot of special tools for the manufacture of the machinery under such letters patent, an exhibit of which is hereto annexed and marked Exhibit A, and have established certain agencies for the sale of such manufactured articles in the United States and the Dominion of Canada;

And WHEREAS the said party of the second part is desirous of acquiring the business of the said parties of the first part, and the sole right to manufacture and sell said Duplicating Apparatus under said patents within said countries for a period of three (3) years or more, and are also desirous of acquiring the said special tools to enable them to economically and expeditiously manufacture the said apparatus;

Now it is hereby agreed by and between the parties hereto as follows:

The said parties of the first part do hereby transfer to the party of the second part the business as above mentioned, and the sole right to manufacture and sell within the United States and the Dominion of Canada, and nowhere else, the articles covered by the above recited patents; and also transfer and sell the said special tools upon the following terms and conditions-namely:

That the said party of the second part shall pay to the parties of the first part five (5) dollars royalty on each and every Duplicating Apparatus as covered by said patents and which may be sold within said countries, and fifteen per cent on the price of all parts and supplies as fixed and shown in Exhibit B hereto annexed, sold in such countries, which payment shall continue for a period of three (3) years from the date of this Agreement, and fifteen hundred dollars for the said special tools in three (3) equal annual payments of five hundred (500) dollars each, the first of such annual payments to be made on the delivery of said tools.

The said party of the second part does hereby guarantee and bind itself that the royalty paid by it shall not be less than two hundred and fifty (250) dollars in each and every month during the said three (3) years on complete Apparatus.

It is further agreed that if six months before the expiration of this three (3) years, said party of the second part shall notify the said parties of the first part that they desire to continue this contract for a further period of three years or more, it shall be extended accordingly for that period.

It is further agreed that, in case the sales of said Duplicating Apparatus within the said cou tries (excepting those for exportation) shall reach fifteen hundred (1500)in any one year,

then the said royalty of five (5) dollars shall be reduced to four (4) dollars in that year, and in every year in which that number is sold. If the sales shall reach twenty-five hundred (2500) in any one year (those for exportation excepted) then the royalty shall be reduced to three (3) dollars.

It is further agreed that, upon the first day of January in each and every year, that the said party of the second part shall make full and true returns to the said parties of the first part, under oath, and that the said royalties shall be paid monthly to the said parties of the first part in the proportion of seven tenths 7/10 to said Edison, and three tenths 3/10 to said Gilliland.

Should the party of the second part desire to discontinue the the manufacture and sale of such patented articles after the expiration of the three (3) years they shall return said special tools in as good condition as when received, for which they are to be paid back the price - viz: fifteen hundred dollars.

And WHEREAS the said party of the second part is desirous of manufacturing and selling to the said Edison complete machines under such patents for his foreign trade and to furnish the owners of the foreign patents with such machines and the parts thereof;

Now it is hereby agreed that the said party of the second part shall deliver to the said Edison, in New York or Jersey City, all the machines that he may require to supply his foreign orders for the sum of twelve dollars and fifty cents, currency, for each and every duplicating apparatus (packed) and the parts thereof at prices shewn in Exhibit C hereto appended, during the continuance of this contract;

And WHEREAS the said Edison has disposed of the patent

for the said Duplicating Apparatus for the Kingdom of Great Britian to one John Robt. Breckon, of Sunderland, England, and his assigns, and has agreed to furnish him with as many duplicating apparatus up to thirty (30) per week for a period of four (4) years from June 29th, 1876, at a fixed price of two pounds nine shillings and six pence sterling for each and every duplicating apparatus, the same to be paid for in London by his acceptancies of ninety (90) days drafts, bearing date of delivery of such goods in New York or Jersey City, to any steamship company named by said Breckon.

Now, therefore, the said party of the second part agrees to furnish to the said John Robt. Breckon all the Duplicating Apparatus, or parts thereof, the prices of which are shewn in Exhibit D hereto appended, necessary to carry out the said contract between the said Edison and said Breckon as long as said Breckon shall promptly pay such drafts. And the said party of the second part further agrees that the last mentioned machines shall be packed well and delivered F. O. B. in New York or Jersey City.

And WHEREAS the said Edison has patented said invention in foreign countries other than Great Britian and the Dominion of Canada, and has not yet disposed of his said patent rights in such foreign countries;

Now it is hereby agreed by the party of the second part that it will not sell any of the said patented Duplicating Apparatus, for exportation to foreign parts, other than the Dominion of Canada and Great Britian until the said Edison shall authorize it in writing signed by him so to do. The party of the second part shall have the benefit and advantage, if it shall elect to accept the same, of any further contract or contracts that may be hereafter

made by the said Edison for the supply from the United States of the said patented Duplicating Apparatus. The license hereby granted is to extend to all reissues and renewals of the said patents, or either of them, and similar license or licenses shall be granted to the party hereto of the second part by the said T. A. Edison for the use of any invention or inventions of any addition to or improvement or improvements upon the said invention, such additional license or licenses to be granted upon fair and equitable terms. And the said parties of the first part further agree to prosecute all infringers upon the said patent and bear all the expenses of such prosecution, for the purpose of protecting said party of the second part in the full and exclusive enjoyment of said patent.

And finally it is agreed that the provisions of this agreement shall go into effect on and after December fifteenth (15)1876.

In witness whereof, the said Thos.A.Edison and Robert Gilliland have hereunto affixed their hands and seals, and the Western Electric Manufacturing Company has caused these presents to be signed by its President and its seal to be affixed and attested by its Secretary.

(Signed) Thos. A. EDISON.

(Signed) ROBERT GILLILAND.

THE WESTERN ELECTRIC MANUFACTURING CO.,

By (Signed) ANSON STAGER, Pres't.

Attest:

(Signed) E.M.BARTON,

Sec'y.

WE, THE UNDERSIGNED, THOMAS A.EDISON, OF MENLO PARK, NEW JERSEY, AND ROBERT GILLILAND, OF HUDSON, MICHIGAN, BEING THE OWNERS OF LETTER PATENT OF THE UNITED STATES, ISSUED TO THOMAS A.EDISON AUGUST 8-TH, 1876, NUMBERED 180,857, IN CONSIDERATION OF ONE DOLLAR, TO US IN HAND PAID, THE RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED, DO HEREBY TRANSFER TO THE WESTERN ELECTRIC MANUFACTURING COMPANY, OF CHICAGO, ILLINOIS, THE SOLE RIGHT TO MANUFACTURE AND SELL, WITHIN THE UNITED STATES, THE ARTICLES COVERED BY THE ABOVE RECITED PATENT, FOR THE TERM OF THREE YEARS FROM THIS DATE, WITH THE OPTION ON THE PART OF THE SAID WESTERN ELECTRIC MANUFACTURING COMPANY, UPON CERTAIN CONDITIONS, OF AN EXTENSION OF THE TERM OF THE GRANT FOR A FURTHER PERIOD OF THREE YEARS OR MORE.

ADDITIONAL CONSIDERATIONS FOR THIS GRANT, AND THE TERMS AND CONDITIONS ATTACHED TO IT, ARE FULLY SET FORTH IN AN AGREEMENT EXECUTED IN TRIPLICATE BY THE SAID EDISON AND GILLILAND AND THE SAID WESTERN ELECTRIC MANUFACTURING COMPANY, BEARING DATE THIS 28-TH DAY OF NOVEMBER, 1876, ONE COPY OF WHICH AGREEMENT IS RETAINED BY EACH OF THE ABOVE NAMED PARTIES.

WITNESS OUR HANDS AND SEALS, THIS 28-TH DAY OF NOVEMBER, 1876.

Thos A. Edison

Robt Gilliland

WITNESSES TO THE SIGNATURE OF THOMAS A.EDISON.

Chas Batchelor

WITNESSES TO THE SIGNATURE OF ROBERT GILLILAND.

W. H. Gillilland

CABINET INDUSTRIEL
— DE —
MM. ARMENGAUD JEUNE & FILS
Ingénieurs-conseils
BREVETS D'INVENTION
en France et à l'Étranger
ÉTUDES TECHNIQUES
sous la direction de
Mr J. ARMENGAUD FILS
ancien Élève de l'École Polytechnique
28, BOULEVARD DE STRASBOURG
PARIS

Licence d'exploitation
du Brevet français Edison,
Relatif
à la plume électrique.

Je soussigné Thomas Alva Edison ingénieur électricien demeurant à New York (Etats unis d'Amérique) déclare concéder à M. Ebenezer Pocock négociant demeurant à Paris 11 Rue de Flandre une licence exclusive d'exploitation du Brevet d'invention que j'ai pris en France le 6 Mai 1876, et qui a été délivré sous le No 112719 pour des Perfectionnements dans l'impression autographique.

J'autorise en conséquence M. Pocock à faire fabriquer et à vendre des plumes électriques établies d'après l'invention décrite au dit Brevet, à la condition de faire cette exploitation sous mon nom, c'est-à-dire de désigner les appareils brevetés sous le nom d'Edison, et de me payer à titre de redevance une prime de quinze francs par appareil vendu.

M. Pocock devra en outre payer régulièrement avant leur échéance les annuités du Brevet No 112719.

Je me réserve le droit de retirer cette licence à M. Pocock

(Cette pièce, doit être signée par M. Edison en personne devant le Consul de France à New-York.)

Signature before notary or Consul certified by Edwards Conrad.

il est fait infraction à l'une des conditions précitées.

CABINET INDUSTRIEL
DE
MM. ARMENGAUD JEUNE & FILS
Ingénieurs-conseils
BREVETS D'INVENTION
en France et à l'Étranger
ÉTUDES TECHNIQUES
sous la direction de
Me J. ARMENGAUD FILS
ancien Élève de l'École Polytechnique
25, BOULEVARD DE STRASBOURG
PARIS

Cette pièce doit être signée par M. Edison en présence du Consul de France à New-York.

Signature reconnue et trouve certifiée par Monsieur Consul.

Procuration

pour l'Exploitation du brevet français Edison relatif à la plume électrique.

Je soussigné Thomas alva Edison Ingénieur électricien demeurant à New York (Etats Unis d'Amérique) donne par les présentes pleins pouvoirs à Me Ebenezer Pocock, négociant demeurant à Paris, rue de Flandre N° 11

A l'effet de : Faire toutes concessions de licence pour l'exploitation d'un Brevet d'Invention délivré à Me Edison suivant arrêté de Me le Ministre de l'Agriculture et du Commerce des Etats français, N° 112719, pour une durée de quinze ans à compter du 6 Mai 1876, pour des perfectionnements dans l'impression autographique.

Faire ces concessions aux prix, charges et conditions et à telles personnes que le mandataire avisera et ce soit à primes, soit moyennant un prix unique, soit moyennant un droit à une part des bénéfices.

Surveiller l'exécution des conditions de toutes licences déjà concédées ou de toutes celles qui le seraient dans l'avenir.

Toucher toutes sommes en principal intérêts et accessoires qui pourront et pourront être dues en constituant pour tous concessionnaires de licence pour quelque cause que ce soit.

A défaut de paiement et en cas de contestations quelconques exercer toutes poursuites nécessaires, notamment contre tous contrefacteurs.

En conséquence citer et comparaître devant tous juges de paix, traiter, transiger, compromettre, se concilier, sinon assigner et défendre devant tous Tribunaux et cours compétents, constituer tous avocats et avoués, obtenir tous jugements et arrêts les faire exécuter par tous moyens et voies de droit, notamment par la saisie immobilière ou s'en désister, produire à tous ordres et distributions, obtenir tous bordereaux de collocation, en toucher le montant.

De toutes sommes reçues donner toutes quittances et décharges, consentir mentions et subrogations avec ou sans garantie, faire mainlevée de toutes inscriptions, saisies, oppositions et autres empêchements quelconques, se désister s'il y a lieu de tous droits et actions.

Aux effets ci-dessus passer et signer tous actes, élire domicile, substituer et généralement faire le nécessaire.

Western Union Telegraph Co
Edison +
W U C.
Mar 22 1877

This Memorandum of Agreement entered into this twenty second day of March 1877 by and between the Western Union Telegraph Company of New York and Thomas A. Edison of Menlo Park, Middlesex County New Jersey.

Witnesseth

Whereas the said Edison being the owner of an experimental laboratory at Menlo Park New Jersey provided with all necessary facilities for perfecting new inventions applicable to the business of the said Telegraph Company and being himself an expert in devising and perfecting such new inventions is desirous of obtaining the aid and co-operation of the Telegraph Company as hereinafter provided.

And Whereas the Telegraph Company is desirous of securing for its benefit the skill and experience of said Edison and the sole right within the United States to all his inventions and improvements capable to be used on land lines of telegraph or upon cables within the United States which may be made during the period covered by this agreement.

Therefore be it agreed:

First: This Agreement is to continue for five years from the date hereof unless sooner terminated as hereinafter provided. The Company will assume a portion of the cost of experimenting with and producing such inventions and improvements and will pay to the said Edison in aid of such experimentation subject to the provisions here-

hereinafter stated the sum of One hundred and fifty dollars per week during the period covered by this contract, the same to be used by the said Edison in payment of laboratory expenses incurred in perfecting inventions applicable to land lines of telegraph or cables within the United States.

Second. Whenever any such invention or improvement shall be made by said Edison the same shall be deemed to have been made for and shall belong to the Telegraph Company and the said Edison through the Attorney hereinafter named shall promptly file in the Patent Office sufficient caveats to protect the same and shall thereafter duly and promptly file his application for Letters Patent thereon and all re-issues thereof with request and direction that the same be issued to said Company as sole assignee and shall at all times and from time to time execute such other applications assignment or assignments or other papers as may be requisite or desirable to vest the sole title to the monopoly of such invention or improvement and all letters patent therefor and all re-issues thereof exclusively in the Company.

Third. Immediately upon the complete issue of letters patents as above provided for any invention improvement or device and after three months satisfactory trial by the Company of the same it shall be the duty of the parties to agree upon a royalty to be paid to said Edison upon each and every article

or machine covered by such Letters Patent and used by the Company; and in case they are not able to agree within three months from the date of such Letters Patent and the completion of such satisfactory trials the same shall on the written demand of either party be submitted to arbitration by two persons one to be chosen by each party and they being unable to agree they shall select a third and the decision of such arbitration shall be final.

All royalties shall be fixed at a rate per annum payable monthly and shall continue during the life of the patent subject to temporary cessation as the use of such articles or any of them may be suspended by the Company and subject to complete cessation as hereinafter provided.

Fourth: In case the Company after such satisfactory trial shall elect not to put in use any invention improvement or device covered by any certain Letters Patent it may retain the title to said respective Letters Patent paying the round sum of Two hundred and fifty dollars in full compensation for each said Letters Patent or may re-assign the same to said Edison in which latter and all charges and expenses incurred by the Company in respect to such letters patent or the fair proportion of general expense for solicitors and Patent Office fees applicable thereto shall be re-imbursed to the Company by said Edison. If the Company shall elect to discontinue the use of any patented article or device which has been after

such satisfactory trial adapted for use in business or its lines or in its offices it may do so retaining the title to the Letters Patent on paying said Edison so much as well with the royalties already paid thereunder amount to Two hundred and fifty dollars.

Provided however that this stipulation shall not apply to any case in which the company shall acquire or attempt to exercise the right to accomplish the same work as is done by the article or device whose use it has abandoned or is about to abandon through the use of any device or invention of another person, but shall apply only in cases where the company elects to abandon the use of such patented article or device invented by Edison without substituting and does not afterwards substitute in its place any other patented article or device of equivalent function.

The company shall have the right at any time after payment by royalties thereon or otherwise the sum of Two hundred and fifty dollars to abandon, suspend or limit the use of any article or device of Edison whenever it shall have acquired the right to use any equivalent article or device not an infringement of any of said Edisons inventions or Letters Patent thereon and which is of general superiority or which shall be preferable to such article or device of Edison in respect to economy or convenience in manufacture or use, and in case of any abandonment suspension or limitation of use under the conditions in the last sentence recited, it

shall to the right of said Edison in the manner and under all the conditions herein provided as to other arbitrators to call for a similar arbitration to fix certain commutation for royalties for said invention not exceeding in any event the sum of five thousand dollars and in determining such sum the arbitrators shall consider whether such invention of said Edison was in any way by suggestion or otherwise the cause of the invention which is being adopted or used in its place it being the intention of the parties to provide for the payment of a commutation sum as last above mentioned only in cases where the Edison invention being put out of use has clearly been the efficient parent or cause of or has suggested the making of the other and superior invention then being put in use in its place; and it being also their intention (in view of the labor and skill which is often required to perfect inventions which are afterwards easily improvable by much less labor and skill) that in case of a prior invention by Edison which has lead to such improvements by others that he shall be suitably compensated therefor even though subsequent improvements may render his inventions less valuable. If after satisfactory trial and being put in use for business such use of an article or device shall be once abandoned and afterwards resumed and in like manner whenever the company shall put in use any article or device covered by any

Letters Patent for which it has paid the lump sum of Two hundred and fifty dollars, as first hereinabove provided the payment of royalties shall then begin or be resumed as the case may be and there shall be credited on such royalties all sums already paid for commutation or otherwise on such invention. In like manner should the Company be dissatisfied with the royalties fixed by agreement or by the arbitration it may at any time after the payment of the sum of Two hundred and fifty dollars first above named in gross or in royalties elect to discontinue working under any of such patents, and thereupon, after one months notice in writing to said Edison all royalties thereunder shall cease, subject however to all the provisions above made in cases where such discontinuance shall be followed by the substitution of other patented means to accomplish the same object. In case at any time the use of any article or device shall by reason of the patenting of any invention of equivalent use by another person become of less value to the Telegraph Company it shall have the right to require the appointment of arbitrators as above provided to fix a reduced royalty to be paid to said Edison thereupon. In fixing royalty or commutation price to be paid the arbitrators chosen shall take into consideration the economy in manufacturing and in the use of such invention, and the value of the monopoly thereof as well as the sums already paid to said Edison for weekly

expenses or for other inventions of which the article or device then being under consideration is an improvement or modification or which are a necessary or convenient part of any apparatus or method in connection with which the article or device under consideration is to be used.

Fifth: The Company may at any time after the expiration of one year reduce the weekly sum above provided for to One hundred dollars and may in like manner determine this agreement altogether by giving three months notice to that effect.

Sixth: All expenses for the taking out of patents and ~~solicitors~~ and counsel fees in connection therewith shall be borne by the Telegraph Company subject to reimbursement in certain cases as above provided. And in any case where, after issue of Letters Patent thereon, the Company and put to legal expenses to defend the priority of invention or patentability of any such article or device the said Edison shall contribute to such expense by waiving one half of the royalties on the same until such reductions have amounted to one half of such expense.

Seventh: The said Edison hereby appoints Grosvenor P. Lowrey his attorney irrevocable with full power of substitution and revocation to represent him in all matters before the Patent Office or Department of the Interior or Courts of law in respect to any inventions or patents above referred to or any

legal proceedings thereunder, or in respect thereto hereby covenanting to execute and deliver from time to time all special authorities or letters of Attorney to said Lowry for this purpose which may be required of him by the Company.

Eighth: It shall be the duty of the Company to keep strict accounts of all matters covered by this agreement and to permit said Edison at all proper times to inspect such accounts and otherwise to take account of the number of articles machines or devices being used by the Company under this agreement.

Ninth. This Agreement shall not be construed to apply to any improvements upon the system of chemical telegraphy sometimes called Automatic or fast telegraphy and shall take effect from March 1st, 1877.

In Witness whereof the parties to these presents have hereunto set their hands and seals the day and year first above written.

The Western Union Telegraph Co.
By Wm. Orton President
A. R. Brewster
Seal
Thos. A. Edison

State of New York
City & County of New York } ss.
On this 23d day of March 1877, before me personally came William Orton, the President of the Western Union Telegraph Company, with whom I am personally acquainted

who being by me duly sworn, said that he resided in the City of Newyork, that he was president of the Western Union Telegraph Company, that he knew the corporate seal of said Company; that the seal affixed to the foregoing instrument was such corporate seal; that it was affixed by order of the Executive Committee of the Board of Directors of said Company and that he signed his name thereto by the like order as President of said Company

Clarence Cary
Notary Public
Newyork City County

[9]

This Agreement entered into this 20th day of April, 1877, by and between Thomas A. Edison, Charles Batchelor, and James Adams all of Menlo Park, Middlesex County, State of New Jersey, parties of the first part; and Chas. B. Holland of Hancock, Houghton Co. State of Michigan, and George F. Bliss of Chicago, Cook County, State of Illinois parties of the second part witnesseth that—

Whereas, the said parties of the first part are the sole owners of all the right title and interest of and in certain patents granted in the Kingdom of Austria October the sixth 1876 and numbered (26905), in the Kingdom of Italy September 15th 1876 and numbered (373), in the Kingdom of Belgium May 31st 1876 and numbered 39504 and in the Republic of France July 10 1876 and numbered (112,940) for an Electric Pen and Duplicating press with accessories and

Whereas the said parties of the first part have established a trade in such articles through certain agencies in various countries of the world and in some countries where patents cannot be obtained, and

Whereas the said parties of the second part are desirous of obtaining the business, goodwill, and rights already established by the said parties of the first part and the sole right to manufacture and sell, under the patents already granted in the countries aforesaid and under the patents to be obtained in other countries, for their sole use and benefit for a period of five (5) years from date hereof.

Therefore be it Agreed that for and in consideration of the sum of one (1) dollar paid by the parties of the second part to each of the said parties of the first part, the receipt of which is hereby acknowledged, and for other valuable considerations hereinafter mentioned, the said parties of the first part do hereby transfer to the parties of the second part the business goodwill and rights as now established; and the sole right to manufacture and sell within all countries except the

United States of America, Canada, and the Kingdom of Great Britain and Ireland, the articles covered by the above recited patents

It is also agreed that the said parties of the second part shall pay to the parties of the first part (3) three dollars royalty on each and every complete machine sold within, or ~~sent~~ to, any country (whether a patent exists in such country or not) except the aforesaid United States, Canada and Great Britain and Ireland, and proportionately on the parts thereof, and also (15) fifteen per cent of the selling price of all supplies connected therewith, which payment shall continue for a period of (5) five years from the date of this agreement.

It is also agreed that the said parties of the second part shall guarantee and bind themselves and do hereby guarantee and bind themselves to use diligence and energy in introducing the said apparatus in the various parts of the world.

It is further agreed that if six months first previous to the expiration of the five years, the said party of the second part shall notify the said parties of the first part that they desire to continue this contract they may do so upon the same terms, providing they give such notice in each and every year they desire its continuance.

It is also agreed that should the parties of the second part desire at any time to discontinue this contract they may do so by giving to the parties of the first part six months previous notice and retransferring the business, goodwill, and rights herein specified.

It is also agreed that upon the first day of January in each and every year the said parties of the second part shall make full and true returns to the parties of the first part under oath, on the usual manner, and that the same royalty shall after the expiration of four months after date hereof be paid monthly to the said parties of the

first part in the proportion of (67½) sixty seven and one half per cent to Edison, (22½) twenty two and one half per cent to Batchelor and (10) ten per cent to Adams

It is also agreed that the said parties of the first part take out patents in such other countries as is necessary for protecting the trade of the party of the second part

It is also agreed that the said parties of the second part will cause to be manufactured in the Republic of France and kingdom of Austria before October the first 1877 the said apparatus as called for by the law under which the patents in such countries were granted, and will place on sale in the Kingdom of Belgium the said apparatus before the first day of June 1877 so as to comply with the law regarding the working of inventions under the Belgian patent law

It is also agreed that should the said parties of the second part desire to purchase outright the patent for the said Electric pen and duplicating press in any foreign country they may do so at any time during the continuance of this contract for the sums named in Schedule A annexed, which sums must be paid in gold and upon payment of which all royalty on apparatus or supplies sold in such countries shall cease

It is further agreed that all improvements upon the apparatus covered by the above recited patents shall be included in this contract, and any duplicating apparatus which the said parties of the first part may invent and which is capable of performing the same work as the Electric pen and which would be a competitor if introduced shall also be included in this contract subject however to an equitable arrangement of royalty should the new system or any part of it be adopted in place of the Electric pen and duplicating press or any

part thereof.

It is also agreed that this contract is not transferable on the said parties of the second part without the written consent of the said Edison.

It is further agreed that the said Edison shall transfer and he does hereby transfer during the continuance of this contract the privileges granted to him by the Western Electric Manufacturing company under a contract dated 1876 of purchasing each complete duplicating apparatus at (12.50/100) twelve dollars and fifty cents each and the parts of such apparatus at the price named in a schedule to such contract marked C a copy of which is hereto annexed and marked schedule B

It is further agreed that the said parties of the first part will accept (1.75/100) one dollar and seventy five cents as full royalty on each and every complete apparatus sold to Messrs Fogg and Co. for shipment to China and Japan during two (2) years from the date hereof, providing that the said parties of the second part are compelled to carry out an agreement entered into by & between the Edison Electrical pen and Duplicating press Company and M. Fogg and Co dated Feb 1st 1876 a copy of which is hereto annexed and marked schedule C.

It is also agreed that in case a new arrangement with the Messrs Fogg and Co is entered into whereby they release their rights under said contract then the said parties of the first part shall receive their full royalty of (3) three dollars as in all other sales.

In witness whereof all the said parties of the first and second part have hereunto set their hands and seals

Witnessed by
John Krueli
Chas. P. Edison

Witnesses to the signatures
E. T. Gilliland
G. A. Wilson

Thos A. Edison (S)
Chas. A. Batchelor (S)
James Adams (S)
T. Chas. A. Holland (S)
Geo. W. Price (S)

Schedule A.

For the French Patent [7000] seven thousand dollars
For the Austrian Patent [5000] five thousand dollars
For the Prussian Patent [4000] four thousand dollars
For the Russian Patent [4000] four thousand dollars
For the Italian Patent [3000] three thousand dollars
For the Australian Patent [5000] five thousand dollars
For the Spanish Patent [2000] three thousand dollars
For the India Patent [2000] two thousand dollars
For the Belgian Patent [3000] three thousand dollars.

Schedule B.

Prices of parts and supplies	
7 x 11 press	$3.50
Roller.	.50
Pen	4.00
Battery	3.50
Pen Stand	.25
Pen Cord	.14
Wash oil	.04
Screw driver	.14
Tile	.10
Pen Lines	.16
Bottle & Sponge	.26

Schenectady, N.Y.-

Feb 5th 1876.

Messrs H. Fogg & Co

Gentlemen,

We hereby appoint you our agents for the sale of Edisons Electrical Pen and Duplicating press in China and Japan for a period of (3) three years, after the first shipment has arrived at its destination.

We shall protect you from intrusion on your territory as far as lays in our power so b. ds.

We agree on the first order to deliver them in any port of New York for the sum of (16) sixteen dollars each and that in the event of the machines not being sold in China or Japan or elsewhere we will take them back at the same price, and pay you the freight and charges, provided they be returned in good order and that we shall have received the money within (30) thirty days after delivery in New York City

If these terms are satisfactory to you please send order and where to deliver.

Respectfully yours

Edisons Electrical Pen and Duplicating Press Co

(Sd) Chas Batchelor

Genl Manager.

THIS AGREEMENT,

ENTERED INTO THIS TWENTY SEVENTH DAY OF APRIL, 1877, BY AND BETWEEN THOS.A.EDISON OF MENLO PARK, MIDDLESEX COUNTY, STATE OF NEW JERSEY, AND ROBT. GILLILAND OF HUDSON, LENEWEE COUNTY, STATE OF MICHIGAN, PARTIES OF THE FIRST PART, AND CHAS.E.HOLLAND OF HANCOCK, HOUGHTON COUNTY, STATE OF MICHIGAN, AND GEO.H.BLISS OF CHICAGO, COOK COUNTY STATE OF ILLINOIS, PARTIES OF THE SECOND PART,

WITNESSETH:-

WHEREAS, THE SAID PARTIES OF THE FIRST PART ARE THE SOLE OWNERS OF A CERTAIN PATENT GRANTED BY THE UNITED STATES DATED AUGUST 8-TH. 1876 AND NUMBERED 180,857, AND ALSO A CERTAIN PATENT GRANTED BY THE DOMINION OF CANADA DATED SEPT. 6-TH. 1876 AND NUMBERED 6,508 FOR AN ELECTRIC PEN AND DUPLICATING PRESS FOR AUTOGRAPHIC PRINTING, AND HAVE ENTERED INTO A CONTRACT DATED NOVEMBER 28-TH. 1876, WITH THE WESTERN ELECTRIC MANUFACTURING COMPANY OF CHICAGO COOK COUNTY,; STATE OF ILLINOIS, FOR THE MANUFACTURE AND SALE OF THE SAME WITHIN THE SAID COUNTRIES FOR A PERIOD OF THREE YEARS OR MORE AT THE OPTION OF SAID WESTERN ELECTRIC MANUFACTURING COMPANY, UNDER CERTAIN CONDITIONS.

AND WHEREAS, THE SAID PARTIES OF THE SECOND PART ARE DESIROUS OF OBTAINING ALL THE RIGHTS AND PRIVILEGES OF SUCH CONTRACT AS ARE NOW IN POSSESSION OF THE SAID WESTERN ELECTRIC MANUFACTURING COMPANY IN THE EVENT OF THAT CORPORATION'S GIVING UP THE SAME BY A NOTICE AS SET FORTH IN SAID CONTRACT, OR IF, IN THE OPINION OF THE SAID PARTIES OF THE FIRST PART, THE WESTERN ELECTRIC MANUFACTURING COMPANY SHOULD HAVE LOST ALL THE RIGHTS WHICH THEY HAVE UNDER SUCH CONTRACT BY REASON OF FAILURE ON THEIR PART TO CARRY OUT THE PROVISIONS PRESCRIBED THEREIN,-

NOW, THEREFORE, IN CONSIDERATION OF ONE DOLLAR IN HAND PAID TO EACH OF THE PARTIES OF THE FIRST PART, THE RECEIPT OF WHICH THEY HEREBY ACKNOWLEGE,

BE IT AGREED,

THAT SHOULD THE SAID WESTERN ELECTRIC MANUFACTURING COMPANY AT ANY TIME HEREAFTER GIVE UP ALL THE RIGHTS UNDER SUCH CONTRACT, OR BY FAILURE TO CARRY OUT ITS PROVISIONS SHOULD FORFEIT THEIR RIGHTS IN THE OPINION OF THE SAID PARTIES OF THE FIRST PART, THEN THE SAID PARTIES OF THE SECOND PART SHALL HAVE THE RIGHT TO HAVE THE SAID CONTRACT TRANSFERRED TO THEM, PROVIDING, HOWEVER, THAT THEY GIVE SATISFACTORY GUARANTEES THAT THE SAME SHALL BE CARRIED OUT STRICTLY ACCORDING TO THE PROVISIONS AND INTENT THEREOF.

IN WITNESS WHEREOF WE HAVE CAUSED OUR HANDS AND SEALS TO BE APPENDED.

WITNESS. Chas Barkelew

WITNESS. E H Crane

Thos A. Edison (S)

Chas E. Holland (S)

Geo. H. Bliss (S)

Robt. Gilliland (S)

Memorandum of Agreement Entered into this 15th day of May 1877 by and between The Electro Chemical Manufacturing Company of the State and city of New York party of the first part and Charles Eckland of Hancock, Houghton County State of Michigan and George H. Bliss of Chicago Cook County State of Illinois trading under the name of the Edison Electric Pen Company in Foreign Countries parties of the 2nd part Witnesseth -

Whereas The said party of the first part holds the right to Manufacture and Sell Edisons Duplicating Ink in the United States and various Foreign Countries and is desirous of introducing it to the Public and build up a trade in the same in all parts of the world -

And Whereas the said parties of the 2nd part are desirous of acquiring the sole right to sell the said Duplicating Ink in all Countries other than the United States and to Establish a permanent trade in the same

Therefore be it agreed that the said parties of the 2nd part shall have and are hereby granted the sole and Exclusive right to sell such Duplicating Ink in all Foreign Countries other than the U.S. for a period of Five years from the date hereof - upon the following Conditions

First That they the said parties of the 2nd part

will use due diligence in endeavoring to establish agencies for the sale of such Ink in all civilized countries and do all in their power to build up a permanent trade in the same

Second That they will not introduce or offer for sale any other Ink which serves a similar purpose during the continuance of this contract

Third That they will purchase such Ink in quantities not less than Ten Gross at a time, payable thirty days after date of delivery on board Steamer or to their accredited agent in New-York.

This contract may be annulled by the said party of the 1st part by giving six Months previous notice providing the said parties of the 2nd part have not carried out its stipulations. On the other hand if the said party of the second part has carried out the stipulations contained herein the contract may be continued after the expiration of the Five Years for another year and from year to year thereafter by giving 6 Months previous notice as aforesaid

It is agreed that the price of the said Ink

(3)

Shall be as follows -
Small size called No One $27.66 pr Gross Packed
Large size called No Two 82.08 per Gross Packed

In witness whereof we have hereunto set our respective hands & seals this 15th day of May 1877

Attest
The Electric Chemical Mfg Co
E. H. Johnson
Secretary

The Electric Chemical Mfg Co
Thos. A. Edison
President

Chas. L. Hollund
Geo. W. Weiss

(33)

This Agreement entered into this 16th day of May 1877 by and between Thos. A. Edison of Menlo Park Middlesex Co state of New Jersey party of the first part and Geo. W. Caldwell of Newark Essex Co. state of New Jersey and Chas. F. Edison of Menlo Park Middlesex Co state of New Jersey parties of the second part witnesseth,

Whereas the said party of the first part is the inventor and owner of a musical Telephonic apparatus discribed in the New York Tribune May 5th 1877 for which he has applied for Letters patent in the United States

Whereas — the said parties of the second part are desirous of securing for themselves the sole and exclusive licence to use the said Telephonic apparatus for the purpose of Public exhibition only where a consideration is charged for admission and for no other purpose for one year from date hereof-

Therefore be it agreed that in consideration of the payment of the sum of Twenty Five dollars for each and every exhibition of such apparatus before a public audiance

The said party of the first part grants and does hereby grant to the said parties of the second part the sole and exclusive right aforesaid for one year from date upon the following conditions

first that they the said parties of the second part will exhibit the same six times publicly before and audience, where in each week during the continuance of this contract providing they are not prevented by causes beyond their control

Second — That they the said parties of the second part will transmit to said T. A. Edison by express or postal order the sum of twenty five dollars on the morning after each exhibition.

Third — That they will not make, use,

or cause to be made any apparatus except by the permission of the said T. A. Edison It is further agreed on the part of the party of the first part to furnish 2 complete sets of Telephonic apparatus free of expense to the said parties of the second part but is to remain the property and be returned to the said party of the first part when this contract shall end In Witness where of we have set our hands and seals

Thos A Edison

Geo W Mitchell

Chas. T. Edison

Witness

G. H. Simpson

This Agreement entered into this fourth day of June 1897 by and between the Electro-Chemical Manufacturing Company, of the city, County, and State of New York, party of the first part, and George H. Bliss of Chicago Cook County, State of Illinois and Chas. B. Holland of Hancock, Houghton County, State of Michigan parties of the second part witnesseth:—

That whereas the said party of the first part is in the possession of and has the sole right in perpetuity to manufacture and sell Edison's Duplicating Ink and has already established a trade in the same and has caused its merits to be made known through public journals and otherwise and:—

Whereas the said parties of the second part are desirous of having the said business of selling and having manufactured the said Duplicating Ink transferred to them for their sole and exclusive benefit:—

Therefore be it agreed that for and in consideration of the sum of one dollar in hand paid by the said parties of the second part to the said party

of the first part the receipt of which is hereby acknowledged and for further and other valuable considerations hereinafter mentioned the said party of the first part does hereby transfer to the said parties of the second part the business already established and the exclusive license to sell and have manufactured Edison's Duplicating Ink for a period of five years from the date hereof upon the following conditions, viz:-

That the said parties of the second part shall pay to the party of the first part on the fifteenth day of each and every month during the continuance of this contract a royalty of fifteen per cent on all sales of such ink or apparatus connected therewith or articles which are subsidiary to or are sold in connection with such Duplicating Ink and such percentage shall be calculated from the retail price of such ink, apparatus, supplies, subsidiary articles connected and used in connection with such ink and:-

That the said parties of the second part shall use energy and due diligence in establishing a permanent busi-

ness in selling such Impressing Ink and subsidiary apparatus and make true and just returns under oath on the first day of each and every year of all sales of the articles above mentioned.

It is further agreed that this contract may be extended after its expiration for another year and from year to year thereafter upon the said parties of the second part giving the said party of the first part six months previous notice, provided the said parties of the second part have fulfilled all the conditions and stipulations of this contract.

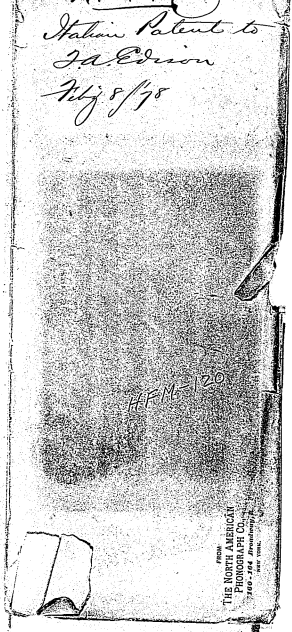
In witness whereof the party of the first part has caused these presents to be signed by its President and its seal to be attested by its Secretary. And the parties of the second part have hereunto affixed their hands and seals

The Electro Chemical Manfg Co by
C. H. Johnson
Secretary

The Electro-Chemical Mfg Co by
Thos A. Edison
President.

Geo. W. Rice [S.]
Chas. E. Hollund [S.]

N.a.P.L.
Italian Patent to
Th. Edison
Feb 8/78



REGISTRO GENERALE
Vol. 13 N.° 9791

REGISTRO ATTESTATI
Vol. XIX N.° 414

REGNO D'ITALIA

MINISTERO DI AGRICOLTURA INDUSTRIA E COMMERCIO

Il Direttore del R. Museo Industriale Italiano per la facoltà datagli dall'Art. 3 del R. Decreto del 16 Novembre 1869 N.° 5351 dichiara e certifica che nel giorno diciannove del mese di Gennaio 1878 alle ore tre pomeridiane il Signor Edison Thomas Alva di Menlo Park (Stati Uniti d'America)

ha presentato alla Prefettura di Torino la domanda e i documenti prescritti dalle leggi 30 Ottobre 1859 e 31 Gennaio 1864 per ottenere il presente

Attestato di Privativa Industriale

della durata di anni Sei a datare dal 31 Marzo 1878 (salvo i casi di nullità, annullamento o decadenza previsti dalla legge) per un trovato designato col titolo:

Perfectionnements dans les instruments pour controler par le son la transmission des courants électriques et la reproduction de sons correspondants au lointain.

Il presente Attestato non guarantisce l'utilità nè la realtà del trovato, nè prova l'esistenza dei caratteri richiesti dalla legge perchè sia valida ed efficace la privativa, ed è rilasciato senza esame preliminare del merito intrinseco del trovato medesimo a rischio e pericolo del richiedente.

Torino, addì 8 Febbraio 1878

Per copia conforme all'originale
Dal Ministero d'Agricoltura, Industria e Commercio
Roma addì 30 Aprile 1888
Il Capo-Sezione
V. Bellotti

IL DIRETTORE
del R. Museo Industriale Italiano
firmato M. Elia

MARCA DA BOLLO
CENTESIMI 50
MINISTERO DI AGRICOLTURA, INDUSTRIA E COMMERCIO

N.B. Vedi retro articoli della legge.

ESTRATTO DELLA LEGGE 30 OTTOBRE 1859.

sulle privative Industriali

Art. 1°_ L'autore di una nuova invenzione o scoperta industriale ha il diritto di attuarla e di trarne frutto esclusivamente pel tempo, nei limiti e sotto le condizioni che il presente Decreto prescrive

Questo diritto esclusivo costituisce una privativa industriale.

Art. 2°_ Una invenzione o una scoperta dicesi industriale allorchè ha direttamente per oggetto:

1°. Un prodotto o un risultamento industriale; _ 2°. Uno stromento, una macchina, un ordigno, un congegno od una disposizione meccanica qualunque; _ 3°. Un processo o metodo di produzione industriale; 4°. Un motore o l'applicazione industriale di una forza già nota; _ 5°. Infine l'applicazione tecnica di un principio scientifico, purchè dia immediati risultamenti industriali, In questo ultimo caso la privativa è limitata ai soli risultamenti espressamente indicati dall'inventore.

Art. 3°_ Considerasi come nuova un'invenzione o una scoperta industriale quando non fu mai prima conosciuta, o quando anche avendosene una qualche notizia, ignoravansi i particolari necessari alla sua attuazione.

Art. 4°_ L'esercizio di una privativa industriale ha per titolo legale un'Attestato rilasciato dalla pubblica Amministrazione.

L'attestato di privativa non guarentisce l'utilità o la realtà dell'invenzione o scoperta che fu asserita da chi ne fece domanda, nè prova l'esistenza dei caratteri che la legge richiede in un'invenzione o scoperta perchè ne sia valida ed efficace la privativa.

Art. 5°_ L'autore di un'invenzione o scoperta munita di privativa, e coloro che hanno causa da lui possono chiedere un'Attestato Completivo per ogni modificazione da loro arrecata alla scoperta o invenzione principale Questo Attestato estende alla modificazione che ha per oggetto gli effetti della privativa principale per tutto il tempo della durata di essa privativa.

Art. 10°_ Gli effetti di un'Attestato di privativa rispetto ai terzi cominciano dal momento in cui ne fu prodotta la domanda.

La durata di una privativa non sarà maggiore d'anni 15 nè minore di un anno, cominciando sempre a contare dall'ultimo giorno d'uno dei mesi di Marzo, Giugno, Settembre o Dicembre susseguente e più prossimo al dì in cui esso Attestato fu chiesto, nè conterà mai frazione di anno

Art. 12°_ Un'Attestato di privativa conceduto per meno di 15 anni, potrà essere prolungato d'uno o più anni, in modo però che la durata del prolungamento congiunta a quella del primo Attestato non oltrepassi mai i 15 anni.

Art. 13°_ Il prolungamento di un'Attestato di privativa comprende quelle di tutti gli Attestati Completivi.

Art. 14°_ Gli Attestati di Privativa saranno sottoposti ad una tassa proporzionale quando si domanda la privativa, e un'altra annuale. La tassa proporzionale consisterà in una somma di tanto volte dieci lire quanti sono gli anni per cui chiedesi la privativa. La tassa annuale sarà di lire 40 pei primi tre anni; 65 pei successivi tre anni; 90 pel settimo, ottavo e nono anno; 115 pel decimo, undecimo e duodecimo; e 140 pei rimanenti tre anni.

Art. 15°_ La prima annualità e la tassa proporzionale saranno pagate al tempo in cui si presenterà la domanda dell'Attestato. Le altre annualità saranno pagate con anticipazione il primo giorno di ciascun anno dalla durata della privativa, e seguiranno il trimestre annuale anche nel caso che la privativa sia prolungata.

Art. 16°_ La tassa di un'Attestato Completivo consisterà nell'unico pagamento anticipato di Venti lire.

Art. 17°_ Per un'Attestato di prolungamento sarà pagata lire 40 oltre alla tassa proporzionale, ed alle annualità di cui la prima quella cioè corrispondente al l'anno di prolungamento, sarà versata al tempo in cui verrà presentata la domanda, e le altre con anticipazione come si è detto all'art. 15°

Art. 23°_ Nel corso dei primi sei mesi dalla durata d'una privativa cominciando a contare dall'ultimo giorno di Marzo, Giugno, Settembre o Dicembre posteriore e più prossimo alla domanda colui al quale l'Attestato si appartiene, può chiedere che venga ridotto soltanto ad una delle parti della descrizione unita alla prima domanda, indicando distintamente quelle che intende di escludere dalla privativa. Le parti escluse sono considerate come non mai prima comprese nell'Attestato di Privativa ridotto.

Art. 24°_ A queste domande di riduzione debbono essere uniti: 1°. la bolletta o ricevuta comprovante il versamento di £40. 2°. Tre originali identici della descrizione che intendesi sostituire all'altra già prodotta. 3°. Tre originali dei nuovi disegni che potrebbe occorrere di sostituire ai precedenti

Art. 25°_ Gli Attestati rilasciati in seguito di simili domande si chiameranno Attestati di Riduzione, e saranno la durata degli Attestati di Privativa.

Art. 26°_ Entro i sei mesi ond'è parola all'art. 23 saranno conferiti Attestati di Modificazione soltanto all'autore dell'invenzione o scoperta munita di privativa od a chi ha causa da lui.

Art. 27°_ La domanda per un'Attestato Completivo non conterrà indicazione di durata_ Quanto al resto saranno osservate le prescrizioni degli Art. 20 e seguenti.

Art. 28°_ Alla domanda per prolungamento di privativa saranno uniti: 1°. Il titolo da cui apparisce che al richiedente appartiene la privativa della quale desidera il prolungamento_ 2°. La ricevuta della tassa indicata nell'Art. 17°; 3°. L'atto e l'elenco ond'è menzione nei paragrafi 5 e 6 dell'art. 21.

Art. 46°_ Ogni atto di trasferimento di privativa dovrà essere registrato al Ministero e pubblicato nella Gazzetta Ufficiale del Regno a spese del richiedente. Il trasferimento non avrà effetto rispetto ai terzi che dalla data della registrazione.

Art. 47°_ Per operare questa registrazione colui a capo di cui la trasmissione ha avuto luogo, dovrà presentare o far presentare il titolo da cui risulta, e due note in carta bollata contenenti 1°. il nome e cognome e domicilio di lui, non che di chi gli trasmette i diritti di cui è fatta menzione nel titolo; _ 2°. La data e la natura del titolo che si presenta e dove sia stato fatto per atto pubblico, il nome del Notaio che ha ricevuto; 3°. La data dell'insinuazione quando ebbe luogo; 4°. La dichiarazione precisa dei diritti trasmessi; _ 5°. La data della presentazione di esse note che sarà pure quella della registrazione.

Art. 49°_ Se i diritti derivanti da un'Attestato sono trasferiti per intiero ad una sola persona, questa sottentra all'obbligo di pagare la tassa sia a più persone collettivamente, questo sottentrano in solido o simile obbligo se sono parzialmente trasmessi a più persone come in parte allienati non è preso registro del titolo di trasmissione se non si presenta contemporaneamente al titolo la ricevuta da cui risulti il pagamento nelle pubbliche casse di una somma eguale alle restanti annualità di tassa.

Art. 58°_ Essa è essere valido un'Attestato 1°. se non si eseguisce anche per una volta sola il pagamento anticipato della tassa annuale fra tre mesi dopo il giorno della scadenza; _ 2°. se nel caso che la privativa sia stata conferita per cinque anni o meno, la invenzione o scoperta cui riguarda non fu messa in pratica entro l'anno consecutivo al conferimento di essa, ovvero se per un'anno continuo ne fu sospeso l'esercizio? 3°. se non fu praticata o se venne sospeso per due anni, nel caso che la durata della privativa sia di più di cinque anni. Nell'una e nell'altra ipotesi non avrà luogo l'annullamento se l'inazione fu effetto di cause indipendenti dalla volontà di colui o di coloro a cui l'Attestato appartiene. Fra queste cause non è compresa la mancanza di mezzi pecuniarii.

Dated 29th January 1890

T. A. Edison Esq.

to

Messrs Fleming & Pulleston

Assignment of Patent

Filed Patent

Where Residence & Occupation of Assignee & Witnesses to be endorsed

This Indenture made the 29th day of January 1890 Between Thomas Alva Edison of Newark in the State of New Jersey in the United States of America of the one part and John Fleming of 17 and 18 Leadenhall Street in the City of London Merchant and John Henry Pulleston of Marden Park Caterham in the County of Surrey in England M.P. of the other part Witnesseth that in pursuance of the provisions of the recited Agreement hereinafter referred to the said Thomas Alva Edison doth hereby assign unto the said John Fleming and John Henry Pulleston (All that) Letters Patent bearing date the second day of February 1875 and No. 3084 under the Great Seal of the United Kingdom of Great Britain and Ireland granting unto the said Thomas Alva Edison his executors administrators and assigns the sole privilege of making using exercising and vending within the United Kingdom of Great Britain and Ireland the Channel Islands and Isle of Man an invention for "Improvements in duplex and multiplex telegraphs" for the term of 14 years from the date of the same Letters Patent a specification of which said invention was filed in the Great Seal Patent Office at London on the 1st day of July 1875 And all and singular the rights and privileges granted by the said Letters Patent and the full and exclusive benefit thereof To hold the said Letters Patent and the rights and privileges thereby granted unto the said John Fleming and John Henry Pulleston their executors administrators and assigns for the residue of the said term of four ten years granted by the same Letters Patent Upon trust nevertheless for the benefit of all the parties of the first second and third parts to a certain deed or agreement bearing date the 2nd day of September 1875 and expressed to be made between the said Thomas Alva Edison of the first part George Harrington and Joseph Custer Kraff of the second part John Fleming Robert McIlwraith and William Nicol of the third part and the said John Fleming and John Henry

Pulestor of the fourth part and to be held dealt with sold disposed of used exercised or put in practice for the purposes and in manner herein expressed Provided always that the said parties to these presents have hereunto set their hands and seals the day and year first above written.

Thomas Alva Edison
by his Attorney John
Fleming. (Ls)

Thomas Alva Edison
by his Attorney John Henry
Pulestor (Ls)

The above written Deed was signed sealed and delivered by the above named John Fleming and also by the above named John Henry Pulestor acting as the Attorneys of and with the name and as the act and deed of the above named Thomas Alva Edison by virtue of the authority given to them the said John Fleming & John Henry Pulestor for that purpose by the Deed or Agreement of the 2nd day of September 1873 which is referred to in the above written Deed in the presence of

S. Cox
1 Copthall Buildings
London, Solr.

COPY

This memorandum of agreement entered into this thirtieth day of January, Eighteen Hundred and Seventy Eight by and between Thomas A. Edison of Menlo Park, Middlesex County, State of New Jersey, party of the first part, and Gardiner G. Hubbard of Boston, State of Massachusetts, C. L. Bradley of Providence, State of Rhode Island, Chas. A. Cheever of the City, County and State of New York, Hilbourne L. Roosevelt, of the City, County and State of New York, and U. H. Painter of Washington, District of Columbia, parties of the second part.

WITNESSETH:-

WHEREAS, the said party of the first part is the inventor of a new method for recording and reproducing therefrom the human voice and other sounds, by causing such sounds to vibrate a mobile body, the movements of which are recorded by indentation, displacement, subtraction from or deposit upon any material, and the reproduction of the movements of such mobile body by causing its record or a copy thereof to give motion to another or the same body, and which is more particularly set forth in the specifications of his patent for which he did apply for in the United States Patent Office December 15th. 1877; and

WHEREAS, the said parties of the second part are desirous of engaging in the business of manufacturing or having manufactured and selling within the United States of America the Phonographic Apparatus and method invented by the party of the first part for any purpose to which it can or may be applied, except to watches, clocks, toys of every description.

THEREFORE, be it agreed that for and in consideration

of the sum of Ten Thousand Dollars in hand paid to the said party of the first part, the receipt of which is hereby acknowledged, and for other and further valuable considerations, stipulations and agreements hereinafter set forth; the said Edison grants to the said parties of the second part, collectively but not individually, the sole and exclusive right to manufacture, or cause to be manufactured, and sell within the United States of America only and for consumption and use in the United States of America only and not for export, consumption or use in any foreign country, the Phonetic apparatus covered by the application dated December 15th. 1877, as herein set forth, for every purpose to which it may be applied, except clocks and watches and toys. Certain rights and licenses to manufacture and sell within the United States the said invention of the said party of the first part when applied to clocks and watches having previous to this contract been granted by the said Edison jointly to Daniel N. Somers of the City, County and State of New York and H. J. Davies of Brooklyn, Kings County, State of New York, a copy of which contract is hereto annexed, and certain rights and licenses to manufacture and sell within the United States the Phonetic apparatus of the said Edison when applied to toys for the use of children granted ~~xx~~ by the said Edison to Oliver D. Russell of the City, County and State of New York, previous to this contract, a copy of which is also hereto annexed. Which contracts, right and licenses the said parties of the second part hereby agree to except from and recognize as not herein granted to them, the said right and licenses hereby granted to the said parties of the second part and this con-

tract is to continue during the existence of the patent providing however that the said parties of the second part do separately or collectively within one year from the date hereof furnish for the purpose of the said business a capital of not less than Fifty Thousand Dollars to be used for the sole object of manufacturing and selling the Phonographic apparatus of the said Edison within the United States and to build up a permanent business in the manufacture and sale of such apparatus; and the parties of the second part shall will and truly pay to the said Edison twenty per cent on the on the actual selling price of all apparatus or articles made sold or delivered and shall make true and correct returns under oath, on or before the fifteenth day of each and every month of all sales of such apparatus made and sold or delivered during the previous month, and allow the said Edison to have access to the books and accounts at all reasonable times.

It is expressly agreed and understood by the said parties of the second part that the main consideration to the said Edison in this contract is the twenty per cent royalty on the actual selling price of all apparatus containing the phonetic inventions of the said Edison to be paid by them the said parties of the second part to the said party of the first part promptly and at the time herein mentioned and thus the sum of Ten Thousand Dollars paid to the said Edison is the consideration to the said Edison to enter into this contract and grant the exclusive privileges herein set forth, to the said parties of the second part.

It is however understood and agreed that the said sum of Ten Thousand Dollars is to be used by the said Edison to perfect the said Phonographic invention so as to render it

of great practicle value for many uses, such as the reproduction of speeches and musical compositions. If the said Edison shall not within one year from the date hereof succeed in so developing and perfecting a satisfactory apparatus for dictating letters or reproducing musical compositions then in that case the parties of the second part shall have the privilege of terminating this agreement upon written notice to the party of the first part to that effect and this agreement shall then cease and become null and void providing the said Edison shall at the time of receiving said notice or within fifteen days thereafter pay to the party of the second part the sum of Eight Thousand Dollars ($8,000.) In the event of the said Edison upon such notice failing to pay the Eight Thousand Dollars as hereinabove stated then and in that case this agreement shall continue in force the same as if said notice had not been given by the party of the second part. And it is further agreed that if the said Edison shall not return to the party of the second part Eight Thousand Dollars ($8,000.) as hereinbefore provided for, the said party of the second part shall still have the right to terminate this agreement. It is further agreed that they the said parties of the second part will use reasonable diligence in prosecuting and establishing a permanent business for the sale of such apparatus in the United States as herein provided. It is further agreed that if the said parties of the second part fail to make a true and and correct monthly statement of all sales for each and every month during the continuance of this contract as herein provided after the manufacture and sale of the article has commenced or fails to pay the royalty of twenty per cent on the selling price of all all articles or apparatus containing the invention of

the said Edison as aforesaid at the periods herein mentioned or do not use reasonable diligence in establishing and prosecuting the business of making and selling such apparatus within the United States then the said Edison shall have the right to terminate this agreement and it shall be null and void and all rights and licenses and the said parties of the second part shall have no claims upon the said Edison for any money that may have been paid to him.. It is further agreed that if at the expiration of one year from the date hereof the said parties of the second part shall have failed to furnish Fifty Thousand Dollars ($50,000.) for the purpose aforesaid, then the said Edison shall have the right to terminate this agreement, but shall have no further claim upon the said parties of the second part.

It is further agreed that the said Edison will at his expense protect as far as lays within his power the said invention from piracy or infringement and all improvements upon apparatus for the recording and reproducing of the human voice or other sounds except when such improvements relate to and are for specific use in telegraphy and solely adapted thereto and clocks, watches and toys aforesaid which may be made by the said Edison is to receive the percentage before mentioned upon all articles containing said improvements. To enable the said Edison to receive a just and equitable consideration through the medium of the twenty per cent royalty to be paid him. It is hereby expressly agreed that the minimum selling price for each and every apparatus for the recording and reproduction of the human voice or musical sounds shall not be less than Eighty Dollars, but if at any future time it can be shown to the satisfaction of the said Edison that it would be advantageous to both parties to this con-

tract to sell at a lesser sum or should any other person at any future time devise an apparatus for a similar purpose not an infringement of the invention of the said Edison and render it necessary by its competition in the market to sell at a lesser sum, then the said Edison shall name a lesser sum to enable the said parties of the second part to compete with said the other apparatus with profit, but no discrimination in the matter of price shall be made between any corporation or individual when such corporation desire to buy and use in their business and not for resale to others.

In witness whereof, we have hereunto set our hands and seals this Thirtieth day of January, 1878.

WITNESS

W. K. Applebaugh
For H. L. R.-C. A. C.
G. G. H. & T. A. E.

Gardiner G. Hubbard.

Hilborne L. Roosevelt.

George L. Bradley.

Chas. A. Cheever.

WITNESS

R. W. Devonshire

U. H. Painter.

Thos. A. Edison.

Memo.

U. H. Painter of Washington, D. C. is to be paid five per cent of the twenty per cent (i. e.) for every $20. I receive from royalties, U. H. P. is to be paid $5. leaving me 15 per cent instead of 20 per cent.

Fifteen per cent of all monies after U. H. P. is paid which I receive from royalty is to be paid and I have signed a contract to pay Chas. Batchelor and Jas. Adams (i. e.) If I receive $ 100. Batchelor is to be paid $10. and Adams $5.

Menlo Park, Feby. 20th.

COPY

THIS AGREEMENT entered into this 7th. day of January Eighteenth Hundred and Seventy Eight by and between Thomas A. Edison of Menlo Park, Middlesex Co. State of New Jersey and Oliver D. Russell of this City, County and State of New York.

WITNESSETH:

WHEREAS The said Edison is the inventor of a new method for recording and reproducing therefrom the human voice and other sounds, by causing such sounds to vibrate a mobile body the movements of which are recorded by indentation, displacement substraction from or deposit upon any material, and the reproduction of the movements of such mobile body by causing its record or a copy thereof to give motion to another or the same mobile body; for which he did apply for a patent in the United States Patent Office, December 15th. 1877. And whereas the said Russell is desirous of engaging in the business of manufacturing or having manufactured and selling to the toy trade apparatus adapted to the following toys.

FIRST. To dolls to speak sixty words or less or make various sounds.

SECOND. To a toy musical box which shall produce but one tune, either vocal or instrumental and suitable only for children.

THIRD. To a toy speaking box which shall reproduce several sentences, containing not more than sixty words in all.

FOURTH. To toy animals, birds and reptiles to make various sounds and to male and female human figures to utter sixty words or less.

FIFTH. To toy XXXXX engines to whistle and to imitate exhaust of steam.

SIXTH. To toy targets.

THEREFORE be it agreed that for and in consideration of the sum of one sollar in hand paid to the said Edison by the said Russell, the receipt of which is hereby acknowledged and for other and further valuable considerations and agreements hereinafter mentioned, the said Edison grants to the said Russell the sole and exclusive license and right to manufacture, or caused to be manufactured and to sell within the United States only and for consumption and use in the United States only and not for export to any foreign country the apparatus applicable to the articles enumerated heretofore and numbered 1,2, 3, 4, 5, and 6, which license and right and this, contract, is to continue for a period of five years from the date hereof. Providing however that the said Russell does invest sufficent capital at once in the business of supplying the toy trade with such apparatus and does exercise reasonable diligence in prosecuting and establishing a permanent business for the sale of such apparatus as herein provided and shall make true and sorrect returns under oath on or before the fifteenth day of each and every month to the said Edison of all sales of such apparatus made and sold or delivered during the previous month and at that time shall will and truly pay to the said Edison ten per cent on the actual selling price of all articles so made or delivered.

It is further agreed on the part of the said Edison that if at any time during the continuance of this agreement the said Russell desires to apply the apparatus herein mentioned to other toys not heretofore mentioned then he shall have the right to make and sell such apparatus for that application and it shall come under the provisions of this contract. Provided however that the toy to which the application is desired to be made is strictly a toy for the use and amusement of

children. It is being expressly agreed and understood by the said Russell that nothing in this contract shall be construed to give him the said Russell any right whatsoever to manufacture, or cause to manufacture or sell or grant to others any rights to manufacture or sell any apparatus embodying the invention of said Edison herein set forth except when such apparatus is applied to the toy articles heretobefore mentioned or which may be added thereto as herein provided.

It is further agreed that the said Edison will grant and does hereby grant to the said Russell the right to make three speaking phonographs to be used solely to produce original matrices to enable dies, or electrotypes or casts to be made from the records produced by such machines, for the rapid multiplication of such records to be used in the toys aforesaid, and these machines are to be used for no other purpose.

It is further agreed that if the said Russell fails to render a true monthly statement of all sales for each and every month during the continuance of this contract as herein provided or fails to pay the sum due the said Edison at the periods herein mentioned or if the total sum paid the said Edison on account of royalty, shall be less than six thousand dollars in each and every year commencing six months from the date hereof then the said Edison shall have the right to terminate this agreement and it shall become null and void upon giving three months previous notice in writing or the said Edison in that case grant to any other party or parties a license or licenses to manufacture such toy apparatus.

It is further provided that after the termination of this contract, it may at the opinion of the said Russell be (4)

extended from year to year during the existence of the said invention providing all the provisions of this contract have been carried out in good faith and all the royalties paid said Edison have not been less than six thousand dollars in the year previous to the date of its termination.

The said Russell shall not transfer this license to any other party or grant to any party any right or privilege thereunder without the consent in writing of the said Edison previously obtained but the said rights may pass to the heirs or executors of said Russell upon the conditions herein contained.

IN WITNESS WHEREOF the parties hereto have hereunto set their hands and seals the day and year first above written.

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COPY

THIS AGREEMENT entered into this seventh day of January Eighteen Hundred and Seventy Eight by and between Thos. A. Edison of Menlo Park, Middlesex County, State of New Jersey, and Daniel M. Somers of this City, County and State of New York, and Henry J. Davies of Brooklyn, County of Kings and State of New York.

WITNESSETH:

WHEREAS the said Edison is the inventor of a new method of recording and reproducing therefrom the human voice and other sounds by causing such sounds to vibrate a mobile body the movements of which are recorded by undulation, displacement, subtraction from, or deposit upon any material and the reproduction of the movements of such mobile body by causing its record or a copy thereof to give motion to another or the same mobile body for which he did apply for a patent in the United States Patent Office December 15th. 1877.

AND WHEREAS the said Somers and Davies acting together and not separately are desirous of applying the phonetic apparatus of the said Edison to clocks and watches, to cause such clocks or watches to call out the time at certain intervals and to reproduce sounds singing or short sentences not exceeding one hundred words. Such apparatus being actuated either by the clock or watch movement itself or from a sibsidiary movement placed within such clock or watch. Such words and sounds being solely intended and adapted to replace (or to be in addition to) the striking and alarm movement in clocks and watches.

THEREFORE be it agreed that for and in consideration of the sum of one dollar in hand paid to the said Edison by the said Somers and Davies the receipt of which is hereby acknowledged and for other and further valuable considerations

and agreements hereinafter mentioned the said Edison grants to the said Somers and Davies jointly but not individually the sole and exclusive license and right to manufacture or cause to be manufactured to apply as aforesaid and sell within the United States of America only, and for consumption or use within the United States only and not for export to any foreign country the invention of said Edison herein set forth when applied to clocks and watches for the purpose specified, but for no other purpose whatsoever. Which license and right and this contract is to continue for a period of five years from the date hereof provided however that the said Somers and Davies exercise reasonable diligence in applying such invention to clocks and watches or clocks alone, and endeavor to establish a permanent business for the sale of such apparatus in the connection mentioned; and shall make true and correct returns under oath on or before the 15th. day of each and every month to the said Edison of all sales of such apparatus during the previous month for such application and shall at that time will and truly pay to the said Edison ten per cent on their actual selling price which percentage shall amount to not less than one and a half cents for each clock and one and a half cents for each watch. It is expressly agreed and understood by the said Somers and Davies that nothing in this contract shall be construed to give them the said Somers and Davies any right whatsoever to manufacture or cause to be manufactured or sell or grant to others any right to sell or manufacture any apparatus embodying the invention of said Edison except when such apparatus is applied to clocks or watches aforesaid, and only for the purpose specified.

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IT IS FURTHER AGREED that if the said Somers and Davies fail to render such true and correct monthly statement of all sales, or apparatus manufactured or caused to be manufactured for each and every month during the continuance of this contract as herein provided or fail to pay the sums due to the said Edison for royalty at the periods herein mentioned or if the total sum paid to the said Edison on account of royalties shall be less than Three Hundred Dollars in each and every year commencing six months from the date hereof, then the said Edison shall have the right to terminate this agreement and all rights under it upon giving three months previous notice in writing or the said Edison may in that event grant to any other party or parties a license or licenses to manufacture such apparatus. It is further provided that after the expiration of this contract it may at the option of the said Somers and Davies be extended from year to year during the existence of the patent for the said invention providing all the provisions of this contract have been carried out in good faith and the royalty paid said Edison has not been less than Three Hundred Dollars in the year previous to the date of its termination.

IT IS FURTHER AGREED on the part of the said Somers and Davies that they will not transfer this contract to any other person or persons without the consent in writing of the said Edison and that they can not grant any license or right to manufacture to any other party, but in case of death of either Somers or Davies or both of them, the rights given by this agreement shall extend to the heirs or executors of the deceased upon the terms herein set forth.

IT IS FURTHER AGREED that the said Edison will grant and does hereby grant to the said Somers and Davies the right to

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make three speaking phonographs to be used solely to produce original matrices to enable dies, electrotypes, or casts to be made from the records produced by such machines for the rapid multiplication of such record to be used in the clocks and watches aforesaid and these machines are to be used for no other purpose.

IN WITNESS WHEREOF we have hereunto set our hands and seals the day and year first above written.

(4)

This Agreement made this day of January 1878 By and Between Thomas A Edison of Menlo Park Middlesex County state of New Jersey and I. James of the City County and state of New York Witnesseth

Whereas by an Agreement dated the seventh day of January 1878 made Between said Edison and Oliver B. Russell the said Edison granted certain rights for the use of a new Invention Known as the Phonograph and which said Invention said Edison did apply for a Patent in the United states Patent Office December 15th 1877 and by said Agreement certain Royalties are reserved to said Edison as appears by said agreement copy of which is herein annexed

And Whereas it has been arranged that for the services rendered by said James in relation to the negociation for said Agreement said Edison shall pay to said James five per cent of the Royalties reserved there under

(Whereas the said Edison has received from said James the sum of one hundred dollars in full payment for said services to receive five per cent dollars)

Therefore be it agreed that in pursuance of and for the purpose of carrying out such arrangement and in consideration of one dollar in hand paid by said James to said Edison the receipt of which is hereby acknowledged The said Edison hereby agrees on behalf of himself his executors administrators and assigns to well and truly pay to said James his nominees or nominee five percent of all and every

the sums and sum of money which shall be received by said Edison his executors administrators or assigns under through or by virtue of said Agreement of seventh January 1878. as the same are from time to time paid to him or the or which may be paid under through or by virtue of any renewal or renewals of such Agreement or any modification thereof so far as any renewals or modification shall relate to the use of said Invention for Toys. In ~~witness whereof we have hereunto set our hands and seals the day and year first above written.~~

But it is expressly agreed that if the said Contract between the said Edison & the said Oliver D. Russell becomes null and void from the acts of the said Russell in not performing the stipulation and agreement therein contained, then this contract between the said Edison & the said James shall become null and void and the said James shall have no claims whatever upon the said Edison his heirs or legal representatives for any sum or sums whatever ~~and the said Edison shall be free to enter into any other contract~~. In witness whereof we have hereunto set our hands and seals the day & year above written

[ATTACHMENT]

THIS AGREEMENT ENTERED INTO THIS 7TH DAY OF JANUARY EIGHTEEN HUNDRED AND SEVENTY EIGHT BY AND BETWEEN THOMAS A. EDISON OF MENLO PARK, MIDDLESEX CO. STATE OF NEW JERSEY AND OLIVER D. RUSSELL OF THE CITY, COUNTY AND STATE OF NEW YORK,

WITNESSETH:--

WHEREAS THE SAID EDISON IS THE INVENTOR OF A NEW METHOD FOR RECORDING AND REPRODUCING THEREFROM THE HUMAN VOICE AND OTHER SOUNDS, BY CAUSING SUCH SOUNDS TO VIBRATE A MOBILE BODY THE MOVEMENTS OF WHICH ARE RECORDED BY INDENTATION, DISPLACEMENT, SUBSTRACTION FROM OR DEPOSIT UPON ANY MATERIAL, AND THE REPRODUCTION OF THE MOVEMENTS OF SUCH MOBILE BODY BY CAUSING ITS RECORD OR A COPY THEREOF TO GIVE MOTION TO ANOTHER OR THE SAME MOBILE BODY; FOR WHICH HE DID APPLY FOR A PATENT IN THE UNITED STATES PATENT OFFICE, DECEMBER 15TH 1877. AND WHEREAS THE SAID RUSSELL IS DESIROUS OF ENGAGING IN THE BUSINESS OF MANUFACTURING OR HAVING MANUFACTURED AND SELLING TO THE TOY TRADE APPARATUS ADAPTED TO THE FOLLOWING TOYS.

FIRST:-- TO DOLLS TO SPEAK SIXTY WORDS OR LESS OR MAKE VARIOUS SOUNDS.

SECOND:-- TO A TOY MUSICAL BOX WHICH SHALL PRODUCE BUT ONE TUNE, EITHER VOCAL OR INSTRUMENTAL AND SUITABLE ONLY FOR CHILDREN.

THIRD:-- TO A TOY SPEAKING BOX WHICH SHALL REPRODUCE SEVERAL SENTENCES, CONTAINING NOT MORE THAN SIXTY WORDS IN ALL.

FOURTH:-- TO TOY ANIMALS, BIRDS AND REPTILES TO MAKE VARIOUS SOUNDS AND TO MALE AND FEMALE HUMAN FIGURES TO UTTER SIXTY WORDS OR LESS.

[ATTACHMENT]

FIFTH:-- TO TOY ENGINES TO WHISTLE AND IMITATE THE EXHAUST OF STEAM.

SIXTH:-- TO TOY TARGETS.

T H E R E F O R E BE IT AGREED THAT FOR AND IN CONSIDERATION OF THE SUM OF ONE DOLLAR IN HAND PAID TO THE SAID EDISON BY THE SAID RUSSELL, THE RECEIPT OF WHICH IS HEREBY ACKNOWLEDGED AND FOR OTHER AND FURTHER VALUABLE CONSIDERATIONS AND AGREEMENTS HEREINAFTER MENTIONED, THE SAID EDISON GRANTS TO THE SAID RUSSELL THE SOLE AND EXCLUSIVE LICENSE AND RIGHT TO MANUFACTURE, OR CAUSE TO BE MANUFACTURED AND TO SELL WITHIN THE UNITED STATES ONLY AND FOR CONSUMPTION AND USE IN THE UNITED STATES ONLY AND NOT FOR EXPORT TO ANY FOREIGN COUNTRY THE APPARATUS APPLICABLE TO THE ARTICLES ENUMERATED HERETOFORE AND NUMBERED 1, 2, 3, 4, 5 AND 6, WHICH LICENSE AND RIGHT AND THIS CONTRACT, IS TO CONTINUE FOR A PERIOD OF FIVE YEARS FROM THE DATE HEREOF, PROVIDING HOWEVER THAT THE SAID RUSSELL DOES INVEST SUFFICIENT CAPITAL AT ONCE IN THE BUSINESS OF SUPPLYING THE TOY TRADE WITH SUCH APPARATUS AND DOES EXERCISE REASONABLE DILIGENCE IN PROSECUTING AND ESTABLISHING A PERMANENT BUSINESS FOR THE SALE OF SUCH APPARATUS AS HEREIN PROVIDED AND SHALL MAKE TRUE AND CORRECT RETURNS UNDER OATH ON OR BEFORE THE FIFTEENTH DAY OF EACH AND EVERY MONTH TO THE SAID EDISON OF ALL SALES OF SUCH APPARATUS MADE AND SOLD OR DELIVERED DURING THE PREVIOUS MONTH AND AT THAT TIME SHALL WELL AND TRULY PAY TO THE SAID EDISON TEN PER CENT ON THE ACTUAL SELLING PRICE OF ALL ARTICLES SO MADE SOLD OR DELIVERED.

IT IS FURTHER AGREED ON THE PART OF THE SAID EDISON THAT IF AT ANY TIME DURING THE CONTINUANCE OF THIS AGREEMENT THE SAID RUSSELL DESIRES TO APPLY THE APPARATUS HEREIN MENTIONED TO OTHER TOYS NOT HERETOFORE MENTIONED THEN HE SHALL HAVE THE RIGHT TO MAKE

[ATTACHMENT]

AND SELL SUCH APPARATUS FOR THAT APPLICATION AND IT SHALL COME UNDER THE PROVISIONS OF THIS CONTRACT. PROVIDED HOWEVER THAT THE TOY TO WHICH THE APPLICATION IS DESIRED TO BE MADE IS STRICTLY A TOY FOR THE USE AND AMUSEMENT OF CHILDREN AND WHICH SHALL NOT BE USEFUL IN BUSINESS TRANSACTIONS OR IN THE ARTS, SCIENCES, OR FOR ANY USEFUL PURPOSE OTHER THAN FOR THE INSTRUCTION AND AMUSEMENT OF CHILDREN. IT BEING EXPRESSLY AGREED AND UNDERSTOOD BY THE SAID RUSSELL THAT NOTHING IN THIS CONTRACT SHALL BE CONSTRUED TO GIVE HIM THE SAID RUSSELL ANY RIGHT WHATSOEVER TO MANUFACTURE, OR CAUSE TO BE MANUFACTURED OR SELL OR GRANT TO OTHERS ANY RIGHTS TO MANUFACTURE OR SELL ANY APPARATUS EMBODYING THE INVENTION OF SAID EDISON HEREIN SET FORTH EXCEPT WHEN SUCH APPARATUS IS APPLIED TO THE TOY ARTICLES HERETOBEFORE MENTIONED OR WHICH MAY BE ADDED THERETO AS HEREIN PROVIDED.

IT IS FURTHER AGREED THAT THE SAID EDISON WILL GRANT AND DOES HEREBY GRANT TO THE SAID RUSSELL THE RIGHT TO MAKE THREE SPEAKING PHONOGRAPHS TO BE USED SOLELY TO PRODUCE ORIGINAL MATRICES TO CHABLE DIES, OR ELECTROTYPES OR CASTS TO BE MADE FROM THE RECORDS PRODUCED BY SUCH MACHINES, FOR THE RAPID MULTIPLICATION OF SUCH RECORDS TO BE USED IN THE TOYS AFORESAID, AND THESE MACHINES ARE TO BE USED FOR NO OTHER PURPOSE.

IT IS FURTHER AGREED THAT IF THE SAID RUSSELL FAILS TO RENDER A TRUE AND CORRECT MONTHLY STATEMENT OF ALL SALES FOR EACH AND EVERY MONTH DURING THE CONTINUANCE OF THIS CONTRACT AS HEREIN PROVIDED OR FAILS TO PAY THE SUMS DUE THE SAID EDISON AT THE PERIODS HEREIN MENTIONED OR IF THE TOTAL SUM PAID THE SAID EDISON ON ACCOUNT OF ROYALTY, SHALL BE LESS THAN SIX THOUSAND DOLLARS IN EACH AND EVERY YEAR COMMENCING SIX MONTHS FROM THE DATE HEREOF THEN THE SAID EDISON SHALL HAVE THE RIGHT TO TERMINATE THIS AGREEMENT

[ATTACHMENT]

AND IT SHALL BECOME NULL AND VOID UPON GIVING THREE MONTHS PREVIOUS NOTICE IN WRITING OR THE SAID EDISON MAY IN THAT CASE GRANT TO ANY OTHER PARTY OR PARTIES A LICENSE OR LICENSES TO MANUFACTURE SUCH TOY APPARATUS.

IT IS FURTHER PROVIDED THAT AFTER THE TERMINATION OF THIS CONTRACT, IT MAY AT THE OPTION OF THE SAID RUSSELL BE EXTENDED FROM YEAR TO YEAR DURING THE EXISTENCE OF THE SAID PATENT FOR THE SAID INVENTION PROVIDING ALL THE PROVISIONS OF THIS CONTRACT HAVE BEEN CARRIED OUT IN GOOD FAITH AND THE ROYALTIES PAID SAID EDISON HAVE NOT BEEN LESS THAN SIX THOUSAND DOLLARS IN THE YEAR PREVIOUS TO THE DATE OF ITS TERMINATION.

THE SAID RUSSELL SHALL NOT TRANSFER THIS LICENSE TO ANY OTHER PARTY OR GRANT TO ANY PARTY ANY RIGHT OR PRIVILEGE THEREUNDER WITHOUT THE CONSENT IN WRITING OF THE SAID EDISON PREVIOUSLY OBTAINED BUT THE SAID RIGHTS MAY PASS TO THE HEIRS OR EXECUTORS OF SAID RUSSELL UPON THE CONDITIONS HEREIN CONTAINED.

IN WITNESS WHEREOF THE PARTIES HERETO HAVE HEREUNTO SET THEIR HANDS AND SEALS THE DAY AND YEAR FIRST ABOVE WRITTEN.

(4)

This Agreement made this day of January 1878 By and Between Thomas A. Edison of Menlo Park Middlesex County State of New Jersey and J. James of the City County and State of New York Witnesseth

Whereas by an Agreement dated the seventh day of January 1878 made between said Edison and Daniel McTomers and Henry L. Davies the said Edison granted certain rights for the use of a new Invention known as the Phonograph and for which said Invention said Edison did apply for a Patent in the United States Patent Office December 15th 1877 And by said Agreement certain royalties are reserved to said Edison as appears by said Agreement copy of which is hereunto annexed And whereas it has been arranged that for the services rendered by said James in relation to the negociation for said Agreement said Edison shall pay to said James five per cent of the royalties reserved thereunder Therefore be it agreed that in pursuance of and for the purpose of carrying out said arrangement and in consideration of one dollar in hand paid by said James to said Edison the receipt of which is hereby acknowledged The said Edison hereby agrees on behalf of himself his executors administrators and assigns to well and truly pay to said James his nominee or nominee five per cent, of all and every the sums and sum of money which shall be received by said Edison his executors administrators

Which is to mean for every one hundred dollars received by said Edison under said contract the said James is to receive five dollars

or assigns under through or by virtue of said Agreement of seventh January 1898 as the same are from time to time paid to him or them or which may be paid under through or by virtue of any renewal or renewals of such Agreement or any modification thereof so far as any renewals or modification shall relate to the use of said Invention for Clocks or Watches &c &c Witness whereof we have hereunto set our hands and seals the day and year first above written

Dated (21) 1878

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T. A. Edison Esq

to

The London Stereoscopic & Photographic Company

License to work part of Patent dated 30th July 1877

No. 2909

THIS INDENTURE made the twenty second day of March one thousand eight hundred and seventy eight BETWEEN Thomas Alva Edison of Menlo Park New Jersey in the United States of America of the one part and George Swan Kottage and Howard John Kennard carrying on business at No 54 Cheapside in the City of London under the Style of firm of "The London Stereoscopic and Photographic Company" (hereinafter called the Licensees) of the other part WHERAS Her Most Gracious Majesty Queen Victoria by Her Letters Patent bearing date and duly sealed at Westminster the thirtieth day of July one thousand eight hundred and seven seven and numbered 2909 did for Herself Her heirs and Successors give and grant unto the said Thomas Alva Edison his executors administrators and assigns and such others as the said Thomas Alva Edison his executors administrators or assigns should agree with and no other the sole right and exclusive privilege of making using exercising and vending within the United Kingdom of Great Britain and Ireland the Channel Islands and the Isle of Man a certain Invention of "Improvements for controlling by sound the transmission of electro-currents and the reproduction of corresponding sounds at a distance" during the terms of fourteen years from the date of the said Letters Patent AND whereas in pursuance of a proviso in the said Letters Patent contained a Specification in writing showing the nature of the said Invention and in what manner the same was to be performed was duly filed in the Great Seal Patent Office on the---------day of---------one thousand eight hundred and seventy eight AND whereas the said Licensees have applied to the said Thomas Alva Edison to grant unto them their Partners and such successors executors administrators and assigns as hereinafter mentioned an exclusive License to use that part of the said Invention which relates to reproducing sounds which is commonly called or known as the "Phonograph" which he the said Thomas Alva Edison has agreed to do in manner hereinafter appearing NOW this Indenture witnesseth that in pursuance of the said Agreement and in Consideration of the Royalties Reservations and Covenants hereinafter contained and on the part of the Licensees to be paid observed and performed He the said Thomas Alva Edison DOTH hereby give and grant unto the said Licensees and to all persons or person who shall hereafter become Partners or Partner in successors or successor to the business of the said Licensees carried on aforesaid and their and his executors administrators and assigns for the ~~same~~ time being carrying on the same business all of whom are included in the expression "Licensees" where such expression is hereinafter used the sole and exclusive License and privilege during the unexpired residue or the term granted by the said Letters Patent or any prolongation thereof to manufacture and sell instruments machines or apparatus commonly and hereinafter called "Phonographs" according to the said Invention or any improvements thereof or addition thereto whether Patented or not YEILDING and Paying therefore yearly and every year during the Continuance of this present License by way of Royalty a sum of equal to fifty per cent of the net profits realized by the sale of all "Phonographs" and all toys clocks figures and all instruments of all kinds to which the said Invention or any part thereof so far as the same is included in this present License is applied which shall be made or manufactured by the Licensees (or purchased by or for them under the proviso hereinafter contained) according to the said Invention or any

part thereof or in the manner described in the said Specification and actually sold by the Licensees such Royalty to be paid by monthly payments within fourteen days after the last day of each month in each and every year during the continuance of this present License in respect of the Phonographs sold during such License the first of such payments to be made within fourteen days after the last day of the month during which Sales shall be made and the last payment to be made within fourteen days after the last day of the month in or at the expiration of which the term of this present License shall expire PROVIDED nevertheless that in any case the sum payable by the Licensees under the preceeding Clause shall never be less than twenty five per cent of the sale price of all Articles sold Retail and never less than twenty per cent of the Sale price of all Article sold wholesale but in the Case of Articles which are intended to be sold for two pounds or under the amount payable by way of Royalty shall not be less than fifteen per cent of the selling price PROVIDED always And it is hereby agreed and declared that the Retail Selling price of all such Phonographs as are called "Plate Instruments" shall ~~be~~ in no case be less than Sixteen pounds but there shall be no restriction on the Selling price of the Phonographs as are called "Cylinder Instruments" or on any other Articles sold subject to this License other than the restriction hereinbefore contained relating to the above mentioned per centage on Selling prices And in Consideration of the foregoing grants the Licensees do hereby for themselves their heirs executors and administrators Covenant with the said Thomas Alva Edison his executors administrators and assigns that they the said Licensees shall and will well and truly pay or cause to be paid unto the said Thomas Alva Edison his executors administrators or assigns in and by such monthly and other payments as aforesaid the said Royalties or sums of money which shall or may at all times or time hereafter become due or payable under or by virtue or in pursuance of these Presents And also that the said Licensees shall and will keep proper accounts of all Phonographs which they shall manufacture or which shall be purchased by or for them as hereinafter provided according to the said Invention or in the manner described in the Specification thereof according to this License and of the dispositions thereof And shall and will at all reasonable times produce such accounts together with proper Vouchers for the same to the said Thomas Alva Edison his executors administrators and assigns his or their Agents And also the said Licensees shall and will within fourteen days after the last day of every Calendar month forward to the said Thomas Alva Edison his executors administrators or assigns at his usual or last known place of abode in America or deliver to his or their Agents in this country a just and true account of all Phonographs which during such month they shall have manufactured or which shall have been purchased by and delivered to them as hereinafter provided and sold by them and showing the Amount of Royalty accrued due for such month to the said Thomas Alva Edison his executors administrators or assigns such accounts to be verified by the declaration of the Licensees or one of them or some

responsible person in their employ if required by the said Thomas Alva Edison his executors administrators or assigns And also that the said Thomas Alva Edison his executors administrators and assigns his or their Agent shall on application at all reasonable times be permitted to enter into every place where the said Licensees shall keep such accounts as aforesaid and examine the said accounts and make and take Copies thereof and extracts therefrom And that the Licensees will during the continuance of this License work the said Invention and manufacture the said Phonographs and other Articles the subject of this License in a proper manner or will purchase the same in accordance with the Clause hereinafter contained and will use their best endeavours to adopt the same to various descriptions of toys clocks figures and instruments of all kinds and to sell the same to the best advantage And also that the Licensees will at all times during the continuance of this License give to the said Thomas Alva Edison his executors administrators and assigns every information evidence and assistance in their possession or power necessary or useful for enabling him or them to commence or carry on any action suit or proceeding against any person or persons Company or Companies who may be alleged to infringe any part of the said Invention which is included in this present License but the Licensees shall not for this purpose be required to leave their respective places of abode without their or his consent first obtained PROVIDED always and it is hereby agreed and declared that the said Licensees shall not be bound to commence or join in commencing any action Suit or proceeding for the purpose of upholding the validity of the said Letters Patent or for the purpose of restraining any Infringement thereof without their consent being first had and obtained and if they shall so elect It is expressly agreed and declared that the proportion of Costs Charges and expenses which shall be borne by the Licensees shall be one third of the entire Costs and Charges of such Action Suit or proceeding Actions Suits or proceedings so far as the same are not recovered from other parties And that the Licensees will from time to time advance such Share of all such sums as shall be from time to time expended in carrying on such Actions Suits or proceedings But in the event of the Licensees not electing to join in, or if they shall join in, to proceed with such proceedings for restraining the infringement of that part of the said Invention which relates to Phonographs it shall be lawful for but not obligatory on the said Thomas Alva Edison his executors administrators or assigns by a notice in writing to that effect given to the Licensees or left at their usual place of business to put an end to this License and everything herein contained at the expiration of three Calendar months from the time of such notice being so left as aforesaid but without prejudice to the right of the said Thomas Alva Edison his executors administrators or assigns to receive payment of all Royalties and sums which shall have accrued to the date of such determination And that the Licensees shall not nor will at any time hereafter assign transfer or underlet the License hereby granted or in any manner exercise or permit the same to be exercised for the benefit either wholly or in part of any Company or person whomsoever other than the said Licensees without the permission in writing of the said Thomas Alva Edison his executors administrators or assigns first had and obtained and such permission if given shall not extend to any future assign-

ment or transfer And further that the said Licensees shall not be concerned directly or indirectly in any other Phonograph or application of the principle of the Phonograph comprised in the Letters Patent of the said Thomas Alva Edison during the existence of the present License PROVIDED ALWAYS that if during the continuance of this License the Licensees shall become Bankrupt or Insolvent or shall assign transfer or otherwise dispose of this License and privileges hereby granted without such consent as aforesaid or do some act or some event shall occur by which the same would (but for the present proviso) become vested in some person or persons other than the Licensees or if any sum of money which shall become payable under these Presents shall remain unpaid for twenty eight days the same being first demanded in writing or in case of breach or nonperformance of all or any of the Covenants before contained on the part of the Licensees then and in any every such case it shall be lawful for the said Thomas Alva Edison his executors administrators or assigns at any time thereafter to revoke the license and privilege hereby granted by giving Notice in writing to that effect to the Licensees or Leaving such Notic for them at their usual or last known place of Business in Englandand the same shall thereupon determine but without prejudice to any right of Action or other remedy which shall have previously accrued to the said Thomas Alva Edison his executors administrators or assigns or to his or their right to receive any Royalty or payment then already accrued PROVIDED always and it is hereby agreed that in estimating the cost of all Phonographs which shall be manufactured by the Licensees in order to fix the amount of net profit to be made thereon the prime cost of manufacture and freight or carriage only shall be considered as the cost of manufacture and no charge shall be made by the Licensees for rent costs of establishment staff or advertising or any other cost charges or disbursements whatsoever AND IT IS hereby agreed that in case it shall appear that the said Phonographs and other articles the subject of this License can be properly manufactured and of a material and workmanship equal in quality to the material and workmanship of those manufactured in England and in sufficient numbers in the United States of America or elsewhere at a lower price than that for which the Licensees can manufacture the same including all costs of freight carriage insurance duty and all other expenses of delivery to the Licensees then and in such case the Licensees shall purchase the same in the United States of America or elsewhere and the said Thomas Alva Edison his executors administrators and assigns shall and will use his best endeavors to assist the Licensees in making such purchases AND the said Thomas Alva Edison doth hereby for himself his heirs executors and administrators covenant with the Licensees in manner following that is to say that the said Letters Patent and the Specification thereof are now good valid and subsisting and have not been impeached or incumbered in any way whatsoever and that he hath now good right to grant the License hereinbefore contained in manner hereinbefore contained And that he the said Thomas Alva Edison will furnish all such descriptions and details as shall be necessary to enable the said Licensees to construct the Instruments under this license known as "plate instruments" as the same are now being constructed by the said Thomas Alva Edison together with all future improvements thereon and that he and they will during the existence of this License pay all stamp duties necessary for keep-

ing the said Letters Patent and any patented improvement thereon on foot And that he the said Thomas Alva Edison his executors administrators and assigns will at all times hereafter during the existence of this present License take all necessary proceedings at Law or in Equity for the purpose of restraining every infringement of the said Letters Patent by any person or persons so far as relates to the construction of Phonographs with respect to which the said Licensees shall furnish evidence such information and assistance to the said Thomas Alva Edison his executors administrators or assigns as hereinbefore mentioned and shall show that the same is injurious to the said Licensees PROVIDED ALWAYS and it is hereby agreed that the Royalties and payments hereinbefore mentioned shall only be payable whilst the said Letters Patent shall be and remain in full force And that if at any time or from time to time hereafter the said Letters Patent shall be openly infringed to the injury of the Licensees then unless effectual means be taken by the said Thomas Alva Edison his executors administrators and assigns within a reasonable time not exceeding three Calendar months after the discovery thereof to prevent the continuance of such infringement or if in any proceedings in which the legal validity of the said Letters Patent shall be disputed or called in questi a verdict decision decree or judgement shall be given adverse to the validity thereof then and immediately thereupon the above mentioned Royalties and payments shall cease to be payable by the Licensees if they shall so elect without prejudice to the liability of the said Licensees to pay all Royalties and other payments accruing to the date of the determination of this License and of their share of the expenses of such proceedings as aforesaid and to the rights and remedies of the said Thomas Alva Edison his executors administrators and assigns to recover payment thereof And in the event of the license being so determined or in any other manner whatever other than by effluxion of time the said Thomas Alva Edison his executors administrators and assigns shall be at liberty to purchase from the Licensees the whole of their Stock of Articles subject to this License otherwise the Licensees may dispose of the same as they may think fit PROVIDED ALWAYS and it is hereby agreed that in all licenses agreements for licenses and other Contracts which shall be entered into by the said Thomas Alva Edison his executors administrators or assigns with respect to Letters Patent for the said Invention or any part thereof in any Foreign Countries there shall be contained an express stipulation or the same shall be made upon such terms that no Phonographs or parts of Phonographs manufactured according to the said Invention or any improvements or additions thereto shall be imported into the United Kingdom during the continuance of this License PROVIDED ALSO and it is hereby agreed and declared that it shall be lawful for the said Thomas Alva Edison his executors administrators or assigns without any further consent on the part of the Licensees to disclaim any part of the said Invention or Letters Patent for the purpose of protecting the validity of the remaining portion thereof Provided that if such disclaimer shall extend to the whole portion thereof relating to the construction of Phonographs this License shall thereupon determine but without prejudice

to the right of the said Thomas Alva Edison his executors administrators or assigns to all Royalties and payments then already accrued Provided further And it is hereby lastly agreed and declared that if at any time hereafter there shall be any dispute or difference between the parties hereto as to the mode of ascertaining the cost of manufacture or as to any other matter relating to these presents such dispute or difference shall from time to time at the instance or request of either party be referred to and decided by Arbitration in such manner and such form as provided by and the mode of conducting the same shall be in all respects conformable to the Common Law Procedure Act of 1854 or any ~~Act~~ subsisting Statutory Modification thereof IN WITNESS whereof the said parties to these presents have hereunto set their hands and seals the day and year first above written

Signed Sealed and Delivered
by the above named George Swan Nottage [signed]George S Nottage.
and Howard John Kinnard in the presence [Signed]W J Kinnard.
of ----------

G.Ellison Collette
25 Lincolns Inn Field,
Solicitor. Thomas Alva Edison.

[Signed]

Memorandum of Agreement

made this Twenty second day of March One thousand eight hundred and seventy eight —

Between Thomas Alva Edison of Menlo Park in the State of New Jersey in the United States of America of the one part and George Swan Nottage and Howard John Kennard carrying on business at No. 54 Cheapside in the City of London as the London Stereoscopic and Photographic Company of the other part **Whereas** by an Indenture of License bearing even date with these presents and made between the said Thomas Alva Edison of the one part and the said George Swan Nottage and Howard John Kennard of the other part in consideration of the Royalties payments and covenants therein contained and on the part of the said George Swan Nottage and Howard John Kennard their executors administrators and assigns (therein called the licensees) to be paid observed and performed the said Thomas Alva Edison did give and grant unto the licensees a sole and exclusive license to make manufacture and sell certain machines therein called Phonographs according to a certain Invention the Letters Patent for which are dated thirteenth July One thousand eight hundred and seventy seven and numbered 2909 for "Improvements for controlling by sound the transmission of Electric currents and the reproduction of corresponding sounds at a distance" **And whereas** the said George Swan Nottage and Howard John Kennard have deposited with the Union Bank of London the sum of One thousand five hundred pounds to be dealt with as hereinafter mentioned **Now it is agreed** between the parties hereto as follows —

1. **So** soon as the said Thomas Alva Edison shall have executed the said License and this Agreement and handed the same to the Agents in New York of the said Union Bank for the purpose of being forwarded to the said George Swan Nottage and Howard John Kennard the said Agents of the Union

Dated 1878

T. A. Edison Esq

— with —

The London Stereoscopic and Photographic Company —

Memorandum of Agreement as to Payment in advance of Royalty under license —

Bank shall pay to the said Thomas Alva Edison or to his order the said sum of One thousand five hundred pounds Sterling.

2 Such payment of One thousand five hundred pounds shall be considered to be as on account of the Royalties or payments to become due under or by virtue of the said License and fifty per cent of each monthly payment which shall become due and owing to the said Thomas Alva Edison his executors administrators or assigns on account of Royalties under the said License shall be returned by the said George Swan Mottage and Howard John Kennard [signature] until the amount of Royalties so returned shall be One thousand five hundred pounds when the full amount of all future Royalties shall be payable to the said Thomas Alva Edison his executors administrators and assigns but it is expressly understood that under no circumstances shall the said Thomas Alva Edison his executors administrators or assigns be bound to repay to the said George Swan Mottage and Howard John Kennard or either of them their or either of their executors administrators or assigns the whole or any part of the said sum of One thousand five hundred pounds whether the amounts of Royalties to become due under the said License shall amount to One thousand five hundred pounds or not. **In Witness** the hands of the parties.

Witness to both signatures

J Ellison Collier
23 Lincolns Inn Fields
Solicitor

George S Mottage

H J Kennard

Copy of the License of the 22nd of March 1878 granted by the Edison Phonograph Company to the London Stereoscopic and Photographic Company

Recital

Whereas the Licensor has made and sold Phonographs and has granted to the Licensees a License to manufacture and sell Phonographs and to sell other persons who might become purchasers of such Phonographs and the Licensees have agreed to accept such License upon the terms and conditions hereinafter mentioned

Licence

Now this Deed witnesseth that in consideration of the premises and of the mutual covenants and agreements hereinafter mentioned the Licensor hereby grants to the Licensees a License to manufacture and sell Phonographs and to sell to other persons who might become purchasers of such Phonographs upon the terms and conditions hereinafter mentioned

Yearly Royalties

50 per cent of the net profit realised by the sale of Phonographs manufactured by the licensees (or purchased by them as therein mentioned) and actually sold by them - to be paid monthly within 14 days after the last day of each month, the first of such payments to be made within 14 days after the last day of the month during which sales should be made and the last payment to be made within 14 days after the last day of the month at the expiration of which this licence should expire. Provided nevertheless that in any case the sum payable by the licensee should never be less than 25 per cent of the sale price of all articles sold retail and never less than 20 per cent of the sale price of all articles sold wholesale but in the case of articles intended to be sold for £2 or under the amount payable should not be less than 15 per cent of the selling price And it was agreed that the retail selling price of all such phonographs as were called 'plate instruments' should not be less than £16 -

Accounts

The Licensees agreed within 14 days after the last day of every calendar month to forward to the Licensor a true account of all phonographs which during such month they should have manufactured or purchased as therein mentioned and sold by them and shewing the amount of royalty accrued due for such month to be verified by declaration if required -

J. A. Edison Esq re

— to —

The London Stereoscopic and Photographic Co.

Copy of Agreement ~~Contract from~~ the License of the 22nd of March 1878 covering the United States

Newhaven
2, Fairfield Sons
London, E.C.

Estimates of cost

In estimating the cost of phonographs manufactured by the licensees in order to fix the amount of net profit, the prime cost of manufacture and freight or carriage only should be considered as the cost of manufacture and no charge should be made by the licensees for rent, costs of establishment, stuff or advertising or any other costs.

This agreement made the 8th day of May 1898 by and between Thomas Edison of Menlo Park Middlesex Co State of N.J. party of the 1st part and Smith of the City Co State of N.Y. party of the 2nd part witnesseth

Whereas the said Edison has furnished the said Smith with a phonograph and supplies therefore for exhibition purposes on the West Coast of Central & South America free of expense to the said Smith, Therefore be it agreed on the part of the said Smith for & in consideration of the above consideration that he will exhibit the same to the best advantage in the various cities & towns in the said Countries bordering on the ~~Co~~ said Coast and pay over to the said Edison his heirs or legal representatives twenty per cent of the gross receipts of all moneys received directly or indirectly from the exhibition of phonographs in single

Counties and to remit the same by the proper channels ~~at~~ monthly, for each remittance as possible.

In witness whereof the said parties have hereunto ~~the~~ set the hands & seals.

Witness for Edison

Witness for Smith,

[ATTACHMENT]

Memorandum of Agreement between Thomas A. Edison of Menlo Park, State of New Jersey, party of the first part, and Frederick N. Jones of New York City party of the second part;

Whereas, the party of the first part is the inventor, and has obtained certain Letters Patent of the United States numbered 200,521, dated February 19th, Eighteen hundred and seventy eight for an Improvement in Phonographs or Speaking Machines;

And Whereas he is desirous of obtaining from the Empire of Brazil and the Argentine Republic a concession to ~~practice~~ manufacture ~~and~~ and sell use the said invention in the said Empire of Brazil, and the Argentine Republic or if he is unfavorable to obtain said concession in either of said countries then to obtain Letters Patent for the same in either or both of said countries ~~in the Empire of Brazil and the Argentine Republic~~ ~~for this Same~~;

And Whereas ~~the~~ party of the second part is desirous to aid the party of the first part in obtaining said concession and

[ATTACHMENT]

said Letters Patent.
Now therefore the parties hereto have mutually agreed together as follows, each in consideration of the agreements and promises of the other and for other good and valuable considerations, the party of the first part does hereby constitute and appoint the party of the second part his true and lawful attorney to obtain for him from the ~~Empire of Brazil~~ United States of Brazil a concession for the sole right to manufacture use and sell the invention set forth in said Letters Patent of the United States No. 200.521, dated February 19th, 1878; or if he cannot obtain such concession then to obtain Letters Patent ~~from the Empire of Brazil~~ in civil countries for the said improvement; this agency and power of attorney to continue until the [illegible] day of [illegible]
It is mutually agreed

(4)

[ATTACHMENT]

X- and the party of the second part hereby covenants and warrants unto the party of the first part that such native or natives will make the assignment of the same and that ~~[illegible]~~ will pay to the party of the first part all claims upon that may be asserted by him by reason of the delay or failure of such native or natives to do so.

and understood by the parties hereto that the above mentioned concession or Letters Patent shall if possible be obtained in the name of Thomas A. Edison, the party of the first part but if by the laws of the ~~Empire of Brazil~~ United States of Brazil they cannot be so obtained, then they shall be obtained in the name of some native of ~~the Empire of Brazil~~ Brazil to be designated by the party of the second part and that such native shall immediately after the obtaining of the same ~~assign~~ assign the same to the party of the first part herein. X

The party of the second part promises that he will pay all the expenses of obtaining such concession or Letters Patent and will deliver the same (when obtained) to the said party of the first part free from any charge

X

[ATTACHMENT]

or liability whatever for expenses or services except as the party of the second part by the agreement herein after, provided shall be entitled to a certain share of stock of a Company to be formed.

It is mutually agreed between the parties hereto that the party of the second part shall have the right at any time before the 31st day of [illegible] to form a stock Company under the laws of the State of New York with a capital stock of the par value of twenty thousand dollars for the purpose of owning, operating and managing the said concession or letters-patent in the Empire of Brazil provided however always that the said Company so to be formed shall acquire no rights whatever to the said concessions or patent except on the following condition.

[ATTACHMENT]

4

that all phonographs or other ~~instruments~~ articles covered by said invention shall be manufactured in and exported from the United States not the Argentine Republic to Brazil, except only such ~~number of machines~~ as may be required to be manufactured in the Argentine Republic in Brazil for the proper preservation and protection of said concession or Letters Patent.

It is further mutually agreed between the parties hereto that the party of the first part will supply the party of the second part with not less than six phonographs at the actual cost price.

(a) That this agreement covers any improvements upon the phonograph which the party of the first part may hereafter invent or become possessed of within Ten years from the date hereof.

(b) That the party of the first part will make the assignment of the said

Copy of agreement entered into on the 1st day of June 1898 between Thomas A. Edison and Walter Arnold Latta

[ATTACHMENT]

concession or ~~invention~~ Letters Patent to the Company herein provided for, as soon as the conditions of this agreement have been fulfilled.

(c) That in case the party of the second part does not succeed in forming the Company as hereinabove provided for and a Company shall be formed by some other person for the introduction and exploiting of said invention in the Empire of Brazil, that then the party of the second part shall be entitled to receive one fourth part of the stock of the Company so formed in consideration of his expense and services in obtaining such concession or Patents.

The party of the second part further agrees that till the 31st day of Dec 1[illegible] or till he shall have formed said Company if such Company shall be formed

[ATTACHMENT]

First: Five Thousand dollars of said stock shall be issued to Thomas A. Edison the party of the first part in part consideration of his agreements herein as fully paid up stock.

Second: Five Thousand dollars shall be issued to F. R. Jones the party of the second part as fully paid up stock in consideration of his expenses and services in obtaining such concessions or Letters Patent and in forming said Company.

Third: The balance of said stock namely Ten Thousand dollars shall be sold by the said party of the second part before the 31st day of December 1878 for the benefit of the Treasury of the Company at a price to be hereafter agreed upon, but at not more than fifty cents on the dollar of the par value, and to parties satisfactory to the party of the first part.

Fourth: said Company ~~shall~~ will in addition agree to pay to the said ~~Edison~~ party of the first part, twenty per cent of the gross selling price

[ATTACHMENT]

and that the [illegible] of all [illegible] articles covered by said invention shall be [illegible] to be paid by the party of the first part.

of all phonographs or other articles sold by them which may be covered by said invention and Twenty per cent of the gross receipts for exhibiting the same

Fifth: ~~And they shall~~ Said company will enter into an agreement with the said party of the first part that no phonographs shall be sold for less than Eighty dollars unless hereafter otherwise agreed to by the said party of the first part.

Sixth: ~~That they shall~~ Said company will enter into an agreement with the said party of the first part that they will render to him — monthly sworn ~~statements~~ sums of all sales made, and ~~receipts received~~ received by them during the immediately preceding month from the sale or exhibition of phonographs or any ~~corrections~~ articles embodying said improvements.

Seventh: ~~That they~~ Said company will further enter into an agreement with said party of the first part

[ATTACHMENT]

before 3rd [illegible] 1878

that he will take such measures at his own expense as may be necessary for the proper protection of the exclusive rights and interests of said Edison in said invention in the Empire of Brazil and in the Argentine Republic, against infringers or otherwise.

It is further mutually agreed by the parties hereto, that all phonographs or other instruments coined by this invention shall be manufactured in and exported from the United States to the said Empire of Brazil except only such number of machines as may be required by the laws of the Empire of Brazil to be manufactured in that Country for the proper preservation and probation of the Concession or Letters Patent.

In witness whereof the parties have to have set their hands and seals at New York this day of 1878.

New York May 8th 1878.

In consideration of the low price at which Thos. A. Edison has sold to me (4) four sets of his telephones I hereby agree that I will not sell or use them in any countries except those countries contained in Central and South America

Sig
J. F. Smith

Witness
Wm Carman

Articles of Agreement entered into this 14th day of May 1878, by and between Thomas A. Edison, of Menlo Park, Middlesex County, New Jersey, Frank McLaughlin, of Newark, Essex County, New Jersey, and Charles E. Harris, of the City, County, and State of New York.

Whereas, The said Edison is the inventor of a machine known as the Phonograph, for recording the human voice and other sounds and for reproducing the same, and

Whereas, the said Edison has applied for Patent for said invention in Australasia and is desirous that said invention shall be practically introduced in said Australasia and made profitable to him, and

Whereas, the said McLaughlin and Harris are desirous of acquiring an interest in said invention and the rights and profits accruing from the same and any patent or patents that are or may be granted therefor in said Australasia, and the said McLaughlin is willing to devote the necessary time and his services and to proceed to said Australasia and introduce the said invention, carry the same into effect and make it remunerative, and the said Harris is willing to pay the necessary and reasonable expenses incurred by the said McLaughlin in so doing.

Now Therefore The Parties are Agreed as follows:—

The said Edison in consideration of two dollars, the receipt of which is hereby acknowledged and the faithful performance of the covenants herein contained and for other valuable consideration hereinafter mentioned hereby grants unto the said McLaughlin and Harris the sole and exclusive right to make use and sell the aforesaid invention in said Australasia under any patent which is or may be granted therefor to him or his duly authorized agent during twenty years from the date hereof. The said McLaughlin hereby agrees to proceed with all reasonable dispatch to said Australasia and there diligently to give his time and services in rendering said invention profitable, by constructing or having constructed selling or exhibiting machines embodying the invention of the said Edison on Phonographs during the continuance of this contract. The said Harris hereby covenants and agrees to furnish the amount of money necessary for the purchase of two Phonographs and such other amounts of money as are necessary for the payment of the reasonable expenses incurred by said Mc

Laughlin in going to said Australasia and carrying out the terms of this agreement and to furnish all necessary capital to work the inventions in said Australasia during the continuation of this contract. It is hereby further covenanted and agreed by the parties hereto that the net profits arising under this agreement shall be paid share and share alike to and unto the said Edison, McLaughlin and Harris, that is to say 33⅓ per cent to the said Edison 33⅓ per cent to the said McLaughlin and 33⅓ per cent to the said Harris. The said McLaughlin hereby covenants and agrees that he will keep a just, true and accurate account of all of his transactions made in pursuance of this agreement and render unto each the said Edison and Harris, at the end of each and every quarter beginning with that ending 31st day of September 1878 a detailed statement which shall truly and faithfully show each and every act by him performed under this agreement and account for all sums of money by him received and disbursed in pursuance thereof and the profits arising thereupon, which said profits shall be transmitted and paid by him as follows, one third thereof to the said Edison and one third thereof to the said Harris and one third to himself at the end of every said quarter.

It is further agreed on the part of the said Edison that the said McLaughlin and Harris shall have the option to either pay to the said Edison 33⅓ per cent of the profits or a 20 per cent royalty on the gross receipts from all sources, but the said McLaughlin and Harris agree that under no consideration shall the money paid to the said Edison be less than 20 per cent of the gross receipts. It is further agreed that this contract shall not be transferred to any other party without the written consent of the said Edison, and that this contract shall be null and void and all rights thereunder shall revert to the said Edison if the said McLaughlin and Harris or either of them shall refuse to perform any of the stipulations herein set forth or grossly neglect to work the patent in such Countries.

In witness whereof the parties hereto have interchangably set their hands and seals on the day and year first above written.

witness
W. H. Wheeler
N. E. Miller

Thomas A. Edison
Frank McLaughlin
Charles R. Harris

In consideration of two dollars in hand paid to the said Harris by the said Edison, the receipt of which is hereby acknowledged, I hereby transfer back to the said Edison, all my rights, title and interest in and to the within contract and hereby agree to make no claim now or hereafter upon the said Edison by reason of such contract, and do not intend carrying out its provisions and the said Edison will by release from ~~[illegible]~~

In witness whereof I have set my hand and seal this the eight day of May 1878

Charles B. Harris

Witness:

Thomas L. Miller

7 Mil. Cyl.

W. Union Contracts
Dec 1877

The Western Union
Telegraph Company
with
Thomas A. Edison

Agreement

Dated May 31 1878

This Agreement made the Thirty first day of May in the year one thousand eight hundred and seventy eight, by and between The Western Union Telegraph Company, party of the first part, and Thomas A. Edison of Menlo Park in the State of New Jersey, party of the second part.

Witnesseth.

First. Whereas in performance of an agreement, made between the parties hereto and dated March 22. 1877. Edison has made certain inventions and improvements in Speaking Telephones, which are more particularly described as follow:

(1) An improvement in Speaking Telegraphs, No 130 as fully set forth and shown in specification dated April 18. 1877, and assigned to the Company by instrument dated April 18 1877, recorded in U.S. Patent Office in Liber O 21 page 179 of Transfers of Patents.

(2.) An improvement in Speaking Telegraphs, No 135, as fully set forth and shown in specification dated July 16. 1877, and assigned to the Company by instrument dated July 16. 1877, recorded in U.S. Patent Office in Liber A 22 page 131 of Transfers of Patents.

(3.) An improvement in Speaking Telegraphs No 136 as fully set forth and shown in specification dated July 16 1877, and assigned to the Company by instrument dated July 16. 1877, recorded in U.S. Patent Office in Liber A 22 page 133 of Transfers of Patents.

(4) An improvement in Speaking Telegraphs, No 113

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as fully set forth and shown in specification dated August 16. 1877, and assigned to the Company by instrument dated August 16. 1877, recorded in U.S. Patent Office in Liber N. 22. page 306, of Transfers of Patents. ——

(5.) An improvement in Speaking Telegraphs, No 141, as fully set forth and shown in specification dated August 31. 1877, and assigned to the Company by instrument dated August 31. 1877, recorded in U.S. Patent Office in Liber Y. 21. page 62 of Transfers of Patents. ——

(6.) An improvement in Speaking Telegraphs, No 146, as fully set forth and shown in specification dated December 8. 1877, and assigned to the Company by instrument dated December 8. 1877, recorded in U.S. Patent Office in Liber N. 22. page 36 of Transfers of Patents. ——

(7.) An improvement in Speaking Telegraphs, No 147 as fully set forth and shown in specification dated December 8. 1877, and assigned to the Company by instrument dated December 8. 1877, recorded in U.S. Patent Office in Liber N. 22. page 37 of Transfers of Patents. ——

(8) An improvement in Telephone Coils, No. 152, as fully set forth and shown in specification dated February 28. 1878, and assigned to the Company by instrument dated February 28. 1878, recorded in U.S. Patent Office in Liber O. 22 page of Transfers of Patents. ——

(9.) An improvement in Speaking Telegraphs No 141, as fully set forth and shown in specification dated July 9. 1877, and assigned to the Company by instrument dated February 25. 1878, recorded in U.S. Patent Office in Liber O. 22. page 260. of Transfers of Patents. ——

(10.) An improvement in Speaking Telegraphs No 151 as fully set forth and shown in specification dated

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February 28. 1878, and assigned to the Company by instrument dated February 28. 1878, recorded in the U.S. Patent Office in Liber V. 22. page 31. of Transfers of Patents. ——— for which inventions and improvements applications for Letters Patent of the United States are now pending in the cases designated as Numbers 134, 141, and 144; and such Letters Patent have been allowed for those described in Cases Numbers 135, 136, 143, 146, 147, 151 and 152. ———

Second

And whereas it has been agreed between the parties hereto that — instead of payment to Edison, for such of said inventions as shall be patented, of royalties to be ascertained and paid in the mode and subject to the conditions provided by said agreement of March 22. 1877 — the Company shall make the compensation herein provided, for all the inventions and improvements mentioned in the first clause hereof as they now stand and for certain others - all as described in the Fifth clause hereof -; and that such compensation shall be paid during the full period herein named, whether or not all or any of said inventions are patentable whether or not Letters Patent of the United States shall be granted for all or any of them, and whether or not the Company shall use or use any of said inventions, or shall at any time discontinue the use of any of them; and that all said inventions and improvements, and such Letters Patent of the United States, if any, as shall be allowed for any of them, shall be taken henceforth out of the operation of said agreement of March 22. 1877; and that that agreement shall cease henceforth to be applicable to

them in any respect.

Third. And whereas in performance of an agreement made between the parties hereto, dated December 14. 1875 Edison has made certain inventions and improvements in Acoustic Telegraphy, being those described in Letters Patent of the United States issued to the Company upon his applications and numbered severally 182,996, 185,567, 186,324, 192,084, 195,084, 198,089 and 200,993, and also those more fully described in applications for patents now pending in the Patent Office, as follows, namely:

An improvement in Acoustic Telegraphs No 132, as fully set forth and shown in specification dated May 8. 1877, and assigned to the Company by instrument dated February 25. 1878, recorded in U.S. Patent Office in Liber W 22 page 255 of Transfers of Patents.

An improvement in Acoustic Telegraphs No 145, as fully set forth and shown in specification dated December 8. 1877 and assigned to the Company by instrument dated December 8. 1877, recorded in U.S. Patent Office in Liber W. 22 page 35 of Transfers of Patents.

An improvement in Acoustic Telegraphs No 146 as fully set forth and shown in specification dated December 15. 1877, and assigned to the Company by instrument dated December 15. 1877, recorded in U.S. Patent Office in Liber W. 22 page 129 of Transfers of Patents.

An improvement in Acoustic Telegraphs No 150, as fully set forth and shown in specification dated February 13. 1878 and assigned to the Company by instrument dated February 13. 1878 recorded in U.S. Patent Office in Liber W 22 page 172 of Transfers of Patents.

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An improvement in Acoustic Telegraphs No. 123, as fully set forth and shown in specification dated August 8 1876, and filed in U. S. Patent Office of which invention there has been no assignment.

An improvement in Acoustic Telegraphs No. 125 as fully set forth and shown in specification dated August 26. 1876, and filed in U. S. Patent Office of which invention there has been no assignment.

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Fourth And whereas some of the inventions and improvements described in said letters patent and specifications, named in the third clause hereof, may be useful in connection with and for facilitating the use of the inventions in Speaking Telephones and the other inventions mentioned in the First, Fifth, Ninth and Tenth clauses hereof, and Edison has agreed that in consideration of the compensation for Speaking Telephones provided by this agreement, he will demand of the Company no compensation for such value of the invention described in the patents and applications recited in the Third Clause as arises out of their use as aforesaid in connection with the inventions described in said First, Fifth, Ninth and Tenth clauses hereof, which use Edison agrees that the Company may make.

Now, in consideration of the premises and of the mutual covenants and agreements of the parties hereto hereinafter set forth, they respectively agree with each other as follows

Fifth Edison sells and assigns and hereby transfers and conveys to the Company all his right, title and interest

in and to all the inventions and improvements mentioned in the first clause hereof and in and to all his inventions and improvements in Speaking Telephones, as they in fact exist at the date of this instrument, even if they are not fully described in the specifications and assignments above recited, and in all letters patent of the United States for them or any of them; and further hereby agrees to sell and assign to the Company all new inventions in Speaking Telephones which he may make before January 1st 1879; and also all improvements which he may make before January 1st 1879, upon any of the inventions and improvements described in this clause.

And Edison hereby agrees to make, execute and deliver to the Company assignments, in due and usual form, of all his right, title and interest in and to all the inventions and improvements aforesaid, sufficient to vest the full and exclusive title thereto in the Company and requesting the issue to it, as sole owner, of such letters patent of the United States as may be awarded for any of them. And Edison agrees to accept the compensation provided in the sixth clause hereof as full compensation for all the inventions and improvements described or referred to in this clause.

Sixth The Company agrees to accept from said Edison assignments of his right, title and interest in and to all the inventions and improvements described or referred to in the Fifth clause hereof, whether they are new or useful or patentable or not, and agrees to pay him six thousand dollars in cash and every year of the seventeen years next succeeding the first

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day of June in the year one thousand eight hundred and seventy eight. Such annual sum of six thousand dollars to be paid in equal semi monthly payments on the first and fifteenth days, or on the first business days after each of said days, on each month, at the office of the Trustees.

Seventh

Edison and the Company mutually agree with each other that all the inventions, improvements and letters patent mentioned in or covered by the fifth clause hereof are hereafter taken out of the operation of the agreement of March 22. 1877. and the said agreement ceases hereforth to have any application to them in all and every respect; and they hereby mutually release each other from all claims, demands and causes of action under said agreement of March 22. 1877. on account of any of the inventions improvements and letters patent last aforesaid.

X English

Edison agrees that on any future appraisement under the agreement of December 4th 1875 of the amount of compensation to be allowed to him for the inventions described in the Third clause hereof, no allowance of compensation is to be made to him for any such use as the Company or its assigns may make of said inventions, in connection with the inventions described in the First, Fifth, Ninth and Tenth clauses hereof, nor for any such use just described as such inventions may be capable of, provided only, however, that such use facilitates or improves the practical operation of the inventions described in the First and Fifth clauses hereof (Mark marginalia) It being hereby agreed by Edison that on account of this agreement and the compensation provided by it, he releases so much of the

1st 5th 9th 10th

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price to be allowed him under the contract of December 14 1878 as he could be entitled to for the value of such invention in Acoustic Telegraphy when applied in the connection and to the use described in this clause, leaving the value of said inventions described in the Third clause, in all other connections and for all other uses, to be determined by the provisions of said agreement of December 14 1878 which is not modified or affected in any way by this instrument in any other respect than the single one mentioned in this clause.

North

Edison agrees that if at any time during the period of seventeen years fixed by the Sixth clause hereof, he invents any Speaking Telephone or other apparatus whereby oral communication is carried over telegraphic circuits, which from its being based on a different principle, or from being constructed mechanically different, from any of the inventions mentioned or referred to in the Fifth clause hereof shall avoid any patent for any of said inventions or improvements, or which shall be capable of being used without infringement of any such patent, (provided, however, that such invention different in principle or mechanical construction, shall have no such practical advantage over the invention covered by such patent as to make the new invention of any greater value than the invention already covered by such patent,) — he will from time to time, as such inventions, different in principle or construction as aforesaid and being without such practical advantage as aforesaid over the inventions covered by the fifth clause hereof, may be made by him, assign and convey all his right, title and interest in them and to the patents

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of the United States thereof to the Company without any other compensation than reimbursement of the cost of such invention to him — including the cost of experiments, drawings, models, materials and other expense, not exceeding two hundred and fifty dollars in the case of each invention, which cost and expense the Company agrees to pay to Edison; and it is mutually agreed by the parties hereto that as to all such inventions, different in principle or construction, as aforesaid, all the provisions of the agreement of March 22 1877 hereofforth cease to operate, but the provisions of the Eleventh clause hereof shall apply thereto.

Tenth. And whereas the Company desires to secure all patentable improvements which may be made by Edison, at any time during the period of seventeen years from June 1 1878 upon any of the inventions described in or covered by the Fifth clause hereof, and also all new and other inventions in Speaking Telephones which he may make during the period of seventeen years from June 1 1878; but the agreement of March 22 1877 covers only a period of five years from that date; And whereas Edison is willing to secure all such patentable improvements and new and other inventions in Speaking Telephones to the Company for the compensation hereinafter in this clause provided, which compensation is to continue in all cases, at all events, during the life of the patents which may be taken for the said improvements and inventions, but all provisions of the agreement of March 22 1877, as to royalties on patents and as to cessation of compensation paid in that way, and as to enlarged

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purchase of patents for second sums, and as to re-assignment of Letters-patent at the option of the Company, and many other of its provisions are inconsistent with and are displaced by this subsequent agreement of the parties hereto as hereinafter set forth in respect to such improvements and inventions made during the period of seventeen years, and as to the compensation therefor.

Now, for the purpose of avoiding all uncertainty as to the operation of said agreement of March 22, 1877, in respect to the improvements and inventions which are the subject of this clause, the parties hereto mutually agree that Articles Third, Fourth, Fifth and Sixth of said agreement of March 22, 1877, have no application, operation or effect whatever on the said improvements and inventions, but it is hereby mutually agreed between the parties hereto, as to them, as follows:

Edison agrees that if at any time after January 1, 1879, and thereafter until the expiration of seventeen years from June 1, 1878, he shall make any improvement patentable under the United States Patent Laws upon any of the inventions mentioned in or covered by the Fifth clause hereof, by which their value or efficiency shall be increased, or any other invention in Speaking Telephones or other apparatus, whereby oral communications are conveyed over telegraphic circuits, which may be used with such practical advantage over the inventions covered by the Fifth clause hereof as to make the new invention of greater value than they, the same shall be deemed to have been made for and shall belong to the Company, and Edison shall take all such steps to secure Letters patent of the United States to the Company solely therefor, and shall

do all the other acts in respect thereof, which are provided for in the Eleventh clause hereof, and immediately upon the issue of Letters patent of the United States for any such improvement to the Company and after three months satisfactory trial thereof by it, it shall be the duty of the parties hereto to agree upon a compensation to be paid to Edison for such patented improvement; and in case they are not able to agree together within three months from the date of such Letters patent, and the completion of such trial by the Company, the matter of compensation shall, on the written demand of either party, be submitted to arbitration by two persons, one to be chosen by each party, and the decision of such arbitrators — or, if they are unable to agree, they shall select a third, and then the decision of two of such three arbitrators, — as to compensation, shall be final and binding upon both parties; but it is mutually agreed by the parties hereto that such compensation, however fixed, shall not exceed the sum of five hundred dollars a year for the patent or patents granted in any one year, during the life of such patent or patents. And the Company hereby agrees to pay to Edison such annual sum or sums as may be fixed as compensation in any — of the seventeen years after from 1878 for the improvements and inventions described in this clause, in equal semi-monthly sums in each year of the terms of the respective patents for which they are awarded, and of the terms of all re-issues, renewals or extensions thereof, at the same days and place named in the Sixth clause hereof. —

Eleventh. Edison agrees that all improvements or inventions

made by him in performance of the Ninth and Tenth clauses hereof shall be made for and shall belong to the Company, and that he will promptly file in the Patent Office such caveats as may be necessary to protect the same, copies of which he will thereupon deliver to the Company's attorney provided by the Tenth clause hereof, and will duly and promptly thereafter file his applications in the Patent Office for letters patent therefor and will deliver to such attorney of the Company assignments of all such inventions to the Company, assigning to it all his right, title and interest therein and requesting the Patent Office to issue all letters patent therefor to the Company as sole assignee and owner of such inventions. —

And he also agrees to prepare all such drawings, models and specifications of his inventions in Speaking Telephones covered by this agreement as may be necessary to describe and illustrate them fully, and deliver the same, together with all sketches or memoranda pertaining to them to the attorney of the Company herein provided, and will at all times, upon the request of the Company or its said attorney, make, execute and deliver all amended specifications, models, drawings, or applications that it may require, and all such other assignments, that may be necessary to secure to the Company the exclusive title to all the inventions to which the Company is entitled by this agreement, in their most perfected form, and also all papers required to secure re-issues, renewals or extensions of letters patent for any of them. — And the Company agrees to pay the expense of all the things required to be done by Edison under this clause. —

Twelfth.

Edison agrees to appoint and create by sufficient power of attorney duly executed Francis P. Lemoy his attorney in fact with power of substitution and revocation to said attorney, and thereby give him sole and full power in the name and stead of Edison to prosecute all applications for patents made by him under this agreement, to prosecute and contest all interferences and proceedings necessary or pertaining thereto which may arise in connection with any of the inventions or improvements described in this instrument; to prosecute and defend all suits or other legal proceedings growing out of or connected with any of said inventions or letters patent therefor; and to do all other things which may be necessary to be done in any way to secure to the Company the full, exclusive title and benefit of all the inventions covered by the Fifth Sixth and Seventh clauses hereof, and of all letters patent of the United States therefor. And Edison agrees that upon the request of the Company, but not otherwise, he will revoke said power of attorney to said Lemoy, and will, whenever requested by said Company so to do, make, execute and deliver to such other attorney as may be named by it such power of attorney with the same powers as above described, and will from time to time, as he may be requested by the Company, but not otherwise, revoke such existing power to such other attorney as is herein described.

Thirteenth.

Edison agrees that he will at all times, upon the request of the Company, attend upon all interference or other proceedings instituted by or pending before

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the Patent Office, and upon the trial of all suits for infringements brought by or against the Company in account of any of the inventions or Letters patent therefor covered by the Fifth, Sixth and Seventh clauses hereof; and will give his testimony in such proceedings and trials. And the Company agrees to pay to Edison for all such service a reasonable compensation for all time necessarily occupied by him on or about such proceedings or trials, and will reimburse him all his necessary expenses incurred therein.

Twelfth. The Company agrees that all instruments or apparatus made or used by it during the existence of this agreement, which embody the principle of the Carbon disc shall be called and be marked "Edison's Carbon Telephone;" and shall be so described in advertisements of such instruments or apparatus.

Fifteenth. Both parties agree that this agreement applies only to the use and ownership of the inventions described therein within the United States, and to such Letters patent therefor as may be granted by the United States.

Sixteenth. The Company and Edison agree that all the covenants and agreements made herein by them respectively shall bind respectively the Company's successors and assigns and Edison's executors, administrators and assigns; and the Company agrees that what it has agreed to perform to Edison it will also perform to his executors, administrators and assigns, and Edison agrees that what he has agreed to perform to the Company he will also per-

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from to its successors and assigns.

Witnesses: Both parties agree that the memorandum of agreement relating to Speaking Telephones signed by Edison and by the Company by Norvin Green, President, and dated April 29, 1878, is superseded by this instrument and is hereafter void.

In Witness whereof the said The Western Union Telegraph Company has hereto set its corporate seal and caused its name to be signed by its Acting President and attested by its Secretary, and the said Thomas A. Edison has hereto set his hand and seal the day and year first above written.

Signed, Sealed and delivered in the presence of

Note. The words "Mutilated and" inserted between the 28th & 29th lines on 1st page and the words "the execution" interlineated between the 20th and 21st lines on 1st page, not before execution.

Wm R. Roberts

The Western Union Telegraph Company
by Norvin Green, Pres't.

Thomas A. Edison

Attest
T. R. Bremner
Secy

State of New York }
City & County of New York } ss:

On this Eighth day of June in the year 1878, before me personally came Norvin Green and A. R. Brewer to me personally known and known to me to be respectively the President and the Secretary of The Western Union Telegraph Company, one of the individuals described in and who executed the foregoing instrument, and the said Green then acknowledged to me that he was at the time of signing the said instrument the President of the said Western Union Telegraph Company; that the seal affixed to said instrument was the corporate seal of said Company and was thereto affixed by him by order of the Executive Committee of the Board of Directors of said Company and that by the same authority he subscribed the name of said Company to said instrument and also his own name as the then President: And the said Brewer then acknowledged to me that at the time of the execution of said instrument he was the Secretary of said Company and had the custody of its corporate seal; that the seal affixed to the foregoing instrument was the corporate seal of said Company and was affixed thereto by the said Green by order of the Executive Committee of the Board of Directors of said Company and that by the same authority, in attestation of the said seal and of such affixing thereof he, the said Brewer, signed his own name to said instrument as Secretary of said Company.

Clarence Cary
Notary Public New York City & County

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LABORATORY
OF
THOMAS A. EDISON,
ORANGE, N. J.

Papers relating to Telephone from John Ott which Mr Batchelor wanted ~~kept~~.

Western Union Telegraph Company,

SUPPLY DEPARTMENT,

A. H. WATSON,
Storekeeper.

0 Dey Street,

New York, June 1st 1878.

Mr. Thos. A. Edison
Menlo Park N.J.

My Dear Sir,

In October 1877 we paid Mr. Murray for 1 Cell Porter & 200 Telephones. the telephones we receipted for & held if you for "final adjustement &c." as these are charged to my account I would like to have them sent in at once. or would prefer to receive properly approved requisition to charge them to some one - can not wait so long and can get them off by hand - Your early attention will oblige

Yours Truly
A H Watson

they ought to be charged to Gold & Stock & is quick will attend to it soon

JAMES PARTRICK. FRANKLIN S. CARTER.

Partrick & Carter,

PRACTICAL TELEGRAPHERS and ELECTRICIANS,

MANUFACTURERS OF AND DEALERS IN

TELEGRAPH and ELECTRICAL INSTRUMENTS and SUPPLIES.

No. 38 South Fourth Street,

Manufactory, 614, 616 and 618 Filbert Street,

Philadelphia, June 19 1878

Chas. Batchelor Esq
Dear Sir = In your
Induction Coil to Telephone
I notice you have two (2)
ends at one Head & one (1)
at the other & your Secondary
so that intended for a
Double current or is it
doubled at one end only to
strengthen the wire? I
understand it as a simple
Secondary of 150 Ohms, that
would leave but one (1)
Terminus at each Head,
Please advise me
Address
614 Filbert St
Phila.

Yours
J. J. Schneider
Supt.

Doubled at no cost
to Washington zone.
You are right it is a simple
induction — cost of 150 times
4 layers of 32
9 layers of 32

file away

Gold & Stock Telegraph Company.

P.O. Box 5045.

Western Union Building.

George Walker.
Vice President.

New York, July 20th 1878

Thos A Edison Esq.
Menlo Park
New Jersey.

Dear Sir,

Please have sent to the Western Electric Manufacturing Company at Chicago, Ill, three hundred and fifty carbon buttons for Edison transmitters, and oblige,

Yours very truly,
George Walker
Vice Pres't
J R Brach

Copy

Power of Attorney

Thomas A. Edison

— To —

Frederick W. Jones.

Know all men by these presents that I Thomas A. Edison of Menlo Park, State of New Jersey, United States of America, do hereby make, constitute, and appoint Frederick W. Jones of Newyork City United States of America my true sufficient, and lawful attorney for me and in my name, or in the name of any person he may appoint to obtain a concession or Letters Patent in Brazil & Argentine Republic so far as is possible giving to me or my representatives the sole and exclusive right to manufacture, sell, and use in said Brazil & Argentine Republic a certain improvement in Phonograph or Speaking machines invented by me, for which improvement I have obtained Letters Patent of the United States dated February 19th. eighteen hundred and seventy eight, and numbered 200.541, giving said Jones my said attorney full power to do everything whatsoever requisite and necessary to be done in the premises as fully, as I could do if personally present, with full power of substitution and revocation, hereby ratifying and confirming all that my said attorney or his substitute shall lawfully do or cause to be done by virtue hereof: intending however that this power of attorney shall absolutely cease and be of no effect as to any

act done by my said attorney after the thirty first day of December eighteen hundred and seventy eight.

In Witness whereof I have hereunto set my hand and seal at the City of New York this fourth day of June one thousand eight hundred and seventy eight

Articles of Agreement entered into this 10th day of June 1878, by and between Thomas A. Edison, of Menlo Park, Middlesex County, New Jersey, Frank McLaughlin, of Newark, Essex County, New Jersey, and John Hickling of the City of Brooklyn, County of Kings, State of New York.

Whereas, The said Edison is the inventor of a machine known as the Phonograph, for recording the human voice, and other sounds and for reproducing the same, and

Whereas, the said Edison has applied for patents in Australasia for said invention and is desirous that said invention shall be practically introduced in said Australasia and made profitable to him, and

Whereas, the said McLaughlin and Hickling are desirous of acquiring an interest in said invention and the rights and profits accruing from the same and any patent or patents that are or may be granted therefore in said Australasia, and the said Mc. Laughlin is willing to devote the necessary time and his services and to proceed to said Australasia and introduce the said invention, carry the same into effect and make it remunerative, and the said Hickling is willing to pay the necessary and reasonable expenses incurred by the said McLaughlin in so doing.

Now Therefore the Parties are Agreed, as follows:-

The said Edison in consideration of two dollars, the receipt of which is hereby acknowledged and the faithful performance of the covenants herein contained and for other valuable considerations hereinafter mentioned hereby grants unto the said McLaughlin and Hickling the sole and exclusive right to exhibit, make, use and sell the aforesaid invention in said Australasia under any patent which is or may be granted therefore to him or his duly authorized agent during seventeen years from the date hereof. The said McLaughlin hereby agrees to proceed with all reasonable dispatch to said Australasia and there diligently to give his time and services in rendering said invention profitable, by constructing or having constructed selling or exhibiting machines embodying the invention of the said Edison on Phonographs during the continuance of this Contract. The said Hickling hereby covenants and agrees to furnish the amount of money necessary for the purchase of two Phonographs and such other amounts of money as are necessary for the payment of the reasonable expenses incurred by said McLaughlin

in going to said Australasia and carrying out the terms of this agreement and to furnish all necessary capital to work the invention in said Australasia during the continuation of this contract. It is hereby further covenanted and agreed by the parties hereto that the net profits arising under this agreement shall be paid share and share alike to and unto the said Edison, McLaughlin and Hickling, that is to say 33 1/3 per cent to the said Edison 33 1/3 per cent to the said McLaughlin and 33 1/3 per cent to the said Hickling. The said McLaughlin hereby covenants and agrees that he will keep a just, true and accurate account of all of his transactions made in pursuance of this agreement and render unto each the said Edison and Hickling, at the end of each and every quarter beginning with that ending 31st day of September 1878, a detailed statement which shall truly and faithfully show each and every act by him performed under this agreement and account for all sums of money by him received and disbursed in pursuance thereof and the profits arising thereupon, which said profits shall be transmitted and paid by him as follows, one third thereof to the said Edison and one third thereof to the said Hickling and one third thereof to himself at the end of every said quarter.

It is further agreed on the part of the said Edison that the said McLaughlin and Hickling shall have the option to either pay to the said Edison 33 1/3 per cent of the profits or a 20 per cent royalty on the gross receipts from all sources, but the said McLaughlin and Hickling agree that under no consideration shall the money paid to the said Edison be less than 20 per cent of the gross receipts. It is further agreed that this Contract shall not be transferred to any other party without the written consent of the said Edison, and that this contract shall be null and void and all rights thereunder shall revert to the said Edison if the said McLaughlin and Hickling or either of them shall refuse to perform any of the stipulations herein set forth or grossly neglect to work the aforesaid invention in such Countries.

In Witness whereof the parties hereto have interchangably set their hands and seals on the day and year first above written. Thomas A. Edison (S)

Witness:
Chas. P. Edison
Chas Batchelor

Frank McLaughlin (S)
John Hickling (S)

This Supplemental Agreement entered into this 10th day of June A.D. 1878. by and between Thomas A Edison of Menlo Park, Middlesex County, New Jersey, Frank McLaughlin, of Newark, Essex County, New Jersey, and John Hickling of the City of Brooklyn, Kings Co. New York.

Witnesseth Whereas the said McLaughlin & Hickling believe that they can sell the Contract, rights under it and the Patents for Phonographs in the Australasian Countries by going to England, and

Whereas The said Edison is willing to dispose of all his rights and patents in such countries for a lump sum, therefore be it agreed That the said Edison will sell his rights and patents in such Australasian Countries upon the payment to him of the sum of Seventeen thousand five hundred dollars in cash, if the same is paid on or before the 31st day of July 1878. but not thereafter, and

Whereas it is expressly agreed on the part of the said McLaughlin and Hickling that if they do not succeed in selling such rights and patents for a lump sum within the time named then the said McLaughlin shall proceed via Southampton to Australia and there carry out the provisions of the Contract dated 10th day of June. 1878.

In Witness whereof the parties hereto have interchangeably set their hands and seals on the day and year first above written

Witness

Chas. P. Edison

Chas Batchelor

Thomas A Edison

Frank McLaughlin

John Hickling

Union College.

Schenectady, N. Y., June 28 1878

Thos. A. Edison Esq

Dear Sir:

I have the pleasure of informing you, that at the recent Commencement Exercises of Union College, held Wednesday, June 26th 1878, there was conferred upon you the honorary degree of Ph. D.

Respectfully, yours,

E. N. Potter
Pres. U. C.

E. W. Jenkins
Sec'y Board Trustees

Opinion
on
Edisons English
Patent No. 2909
of July 30th 1877
COPY

COPY

4th July 1878.

Messrs Vallance & Vallance
Essex Street.

Dear Sirs,

Acting on your instructions we have made a search among Specifications of Patents and other Publications in order to ascertain if in our opinion Edisons Patent No. 2909 dated 30th July 1877 could be supported in law in the present form of the Specification and if not whether a disclaimer and memorandum of Alteration could render it valid. We have also carefully considered the specification in other respects as to whether or how far the validity of the Patent would be influenced by it.

The subject of this invention being so novel in its nature especially as regards the Phonograph part of same we have not as regards Patent Specifications found it necessary to search further back than to the year 1867 during which period there are between thirty and forty patents for transmitting harmonic or musical and other sounds telegraphically.

We have carefully examined all these Patent Specifications. But it has also been clearly laid down by many

decisions that where a description of an invention has been published in a book or periodical which has been placed in any public library in this country prior to the date of Patent such descriptions being sufficient for a person of ordinary knowledge of the particular subject to understand and be able to practically apply the invention without the necessity of further experiment that such is a publication sufficient to invalidate a subsequently granted patent for the same invention. A foreign work not in a dead language in the British Museum for instance has been held to be a publication.

In 1862 the Master of the Rolls decided (Rang v Gisbourne) that an invention described in a book published in France copies being sent to England for sale was a publication. We have therefore had to consider other publications besides Patents specifications. —

Even though the telegraphic transmission of articulate speech is quite novel in this country as

regards the publication by Patent Specifications we have had to ascertain and consider firstly whether or not the aforesaid transmission of musical sounds had not involved the employment of known processes or apparatus for a novel purpose viz:- the transmission of articulate speech. Secondly, if such novel application of a well known process or apparatus was merely a new application and did not involve the exercise of inventive power in order to adapt it to such novel purpose because under such circumstances it would not be subject matter for Patent.

Edisons invention is for transmitting musical and other sounds but especially for transmitting (by mouth) oral sounds and he makes use of vibrations imparted by such sounds to a tympan or diaphragm to produce pulsations in the electrical tension of the current in a telegraphic line conductor and these pulsations or waves are made to influence an electro magnet at the other or receiving station that a

tympan or diaphragm in connection therewith will reproduce the sounds which caused the tension pulsations.

This part of his invention constitutes his telephone. The reproduction of the sounds is also secondly effected in another way viz: by first graphically rendering the pulsations produced in the tympan and this graphical representation of the sounds being a surface with corresponding depressions and projections is made to act on another tympan which thereby reproduces the sounds originally made against the first named tympan. This part of the invention is the so called phonograph. Thirdly the invention may be said to consist in the combination of the telephone and the phonograph inasmuch as the latter can be used in connection with the telephone or with other telephones for, at a distance, producing the aforesaid graphical representations. —

First we are of opinion that the title of the invention does not clearly indicate the whole of the subject matter described and claimed. The Phonograph can only be said to be included in the title so far as it relates to the reproduction of sounds at a distance that is so far as it forms part of a telephonic instrument or so far as it used in connection with a telephone. If the words "at a distance" had not been added, it would we think have been better.

As however it is doubtful if alteration in the title would be allowed (especially if the application for Disclaimer were opposed) except in a restrictive sense, we do not think it advisable to recommend soliciting any alteration in the title. At the same time with a liberal interpretation we do not think the title alone would render this Patent invalid. —

To test the validity of this Patent we propose in the next place to compare the Provisional Specification with the Final specification.

It has been laid down and acknowledged on high authority that the former may be considered as a sketch or outline of the latter which should be a complete or definite description with drawings of the invention sought to be patented, - the former should contain the essential features of the latter and the latter should clearly and fully describe the nature of the invention so as to form a perfect record to enable any one skilled in the art to perform the stated objects of the invention.

On carefully considering this Provisional Specification with the aid of the light given by the Final Specification we do not hesitate to say that the former contains in outline more than the latter carries out or even mentions. - this in itself is not hurtful to the validity of the Patent because so long as an inventor does not include more in his Final Specification than is warranted by his Provisional Specification he is at liberty in the Final to curtail the scope of his invention if he finds that he cannot claim so much as he thought he could at the time of lodging his Provisional Specification.

But we also find that there are other differences between the Provisional and the Final specifications. Thus the Provisional specification mentions "a resonant box having one, two or more tympans at its sides" in the transmitting instrument and ~~we~~ one tympan in the receiver but the Final specification speaks of one tympan in the transmitter facing the sound producer or one such tympan in combination with one or more side tympans but he does not very fully - that is by drawings - show ~~the~~ how the latter arrangement is carried out although he mentions that each tympan has its own tension regulator. Next the Provisional specification mentions an opening in the speaking tube which is to be covered with a reed or foil set in motion by hissing consonants but the Final Specification mentions a hole simply on one edge in the speaking tube for the same object.

However as the acoustical action appears to be the same it may fairly be reckoned an equivalent

or modification. There are several other discrepancies but we may at ~~once~~ once say that these alone so far as our opinion goes would not be held to have passed the limit of modifications which of necessity an invention in the course of developement often must undergo on its way to practical maturity and with the liberal interpretation secured by statute and precedents we do not think the patent could be successfully assailed in this direction. But what appears at first sight a more serious obstacle meets us when we try to trace the phonograph in the wording of the provisional specification. We may at once state that it contains no clear trace of the reproduction of sounds by means of the graphical representation on record caused by sounds. Nor does it contain any trace of the phonograph as a purely mechanical instrument (apart from electricity.) But although that was the instrument, the phonograph had not

apparently at the date of the Provisional Specification been discovered by Edison we are of opinion that the instrument itself though not in its complete form is sufficiently sketched in the Provisional for the purpose of ensuring the validity of the Patent on this head. We have thus on page 2 lines 3 to 5. the statement that some portions of my improvement can be availed of to make a record of the atmospheric sound waves, or the electric waves or pulsations corresponding thereto or resulting therefrom also page 2. lines 18 to 20. "In the receiving portion of the instruments the tympan is acted upon directly by an electro magnet or through an armature or the tympan is provided with an arm extending out over a slowly moving surface or cylinder." The serious point in relation to the Phonograph is that the fact of the reproduction of the sounds by mechanical means only (without any connection with electricity) is not alluded to

at all in the Provisional Specification.

We have kept to consider whether the claims ~~are~~ can be upheld on the score of what has been sketched in the Provisional Specification.

The 1st claim is for the application of mica for tympan. This is clearly indicated in the Provisional Specification.

The 2nd claim is for a tympan in combination with a tension regulator. Such a regulator is named in the Provisional.

The 3rd claim is also based on the Provisional Specification.

The 4th claim is a combination claim but in the Provisional Specification the cork disc is not named.

We think the claim had better be struck out.

The 5th claim is clearly based on the Provisional Specification.

The 6th is as a combination claim sufficiently based on the Provisional Specification.

The 7th refers to a resonant case formed with an opening or edge for rendering hissing sounds. The "opening" is mentioned in the

Provisional "the edge" is not but as the edge is an equivalent for "the opening" as to its action and purpose and place of application we think it would be held to be a modification and as such included even if it had not been specially named in the claim.

The 8th claim we do not consider very essential.

The 9th and 10th claims we consider to be within the limits of the Provisional and as of great importance because the broad principle of action of the phonograph is thereby covered.

The 11th claim we consider vague and shall have to consider further on, however the Provisional names the substance of it.

The 12th 13th and 14th claims are based on parts named in the Provisional Specification but the 14th claim we do not consider very essential.

The 15th claim we do not consider very essential.

The 16th claim covers ~~that~~ what may perhaps be called a modifi-

cation of what is stated in the Provisional but it is not clear whether it refers to lines 52 to 57 on page 5 and lines 1 to 3 on page 6 or whether it refers to lines 37 to 45 on page 5. There is no drawing of a loose plate, which fact renders this claim of still more doubtful value in its present form.

The 17th to the 21st claims are in our opinion sufficiently based upon the Provisional specification.

This cannot be said of the 22nd claim and it would be safer to strike it out or alter it to a more specific combination claim.

The 23rd claim is included in previous valid claims.

The 24th claim is very broad. we cannot find any base for it in the Provisional Specification and it should in our opinion be struck out. See remarks about the 16th claim.

The 25th claim we think can stand as it covers the application of a well known expedient in a new manner. —

The 26th should be precisiged by reference to drawings.

This applies also to the remaining 4 claims. –

Having so far considered the effect of the Provisional Specification on the claims we come to the question of anticipation or novelty.

We may here state that as far as regards anticipation by previous Patents we have only found three specifications which have any bearing on the subject and we shall now have to consider them separately. We have at the same time to bear in mind how far these specifications or any of them have in themselves been anticipated or their scope modified by other publications.

Varley's specification No. 1044 of 1870 treats on transmission of sounds but after a careful examination we cannot find that it anticipates any part of Edisons invention as claimed. The same may be said of Elisha Grays several Patents.

We cannot in these specifications

find any mode of action similar to Edisons alluded to or claimed viz. a rise and fall of electric tension that is the greater or less resistance to a given current. —

But we have now to consider the bearing of Bell's (Morgan Brown) Specification No. 4765. of 1876 and this is of great importance partly because of the powerful position his Company has acquired and partly because he is the first successful introducer of telephones for practical purposes. The task of examining Bell's specification is rendered particularly difficult because as now disclaimed it is rendered ambiguous so that it is difficult to say what he does claim now and what he does not.

If he claims and can sustain the combination of a plate of iron or steel or other material capable of inductive action which can be thrown into vibration by the movement of the surrounding air

or by the attraction of a magnet then Edisons tympan of mica could only come under this head and he used in Bell's telephone if fitted with iron centre plate. But Edison does without such iron centre plate he moreover which is the principal point uses means for altering the resistance in the line, while Bell uses undulatory currents. The question then which has to be considered is whether the mode of action of Edisons is substantiall different from Bell's we think it is because as stated Edison works with rise and fall of electric tension a new mode of action altogether as far as we have been able to ascertain whereas Bell works with undulatory current. Edisons transmitter is also necessarily as we understand different to his receiver whereas Bell's transmitter and receiver are alike and interchangable. Moreover Bell published his invention before the date of his patent so that practically nothing remains

that Bell can claim except "the plate" (metallic or of like nature) as a tympan both in the transmitting and in the receiving resonant box.

To substantiate this we must draw attention to the publication of Bell's invention in this country prior to the date of his patent viz. 9th December 1876.

Firstly there is the printed official report on the Philadelphia Exhibition signed by Sir William Thomson, published here before date of Bells patent.

The part referring to our subject refers to Bells apparatus for the transmission of spoken words by electric currents through telegraph wire viz. a piece of iron attached to a membrane and then moved to and fro in the neighbourhood of an electro-magnet, the battery and wire of the electro magnet are in circuit with the telegraph wire and the wire of another electro magnet at the receiving station. The second electro magnet has a solid bar of

iron for core which is connected at one end by a thick disc of iron to an iron tube surrounding the coil and bar. The free circular end of the tube constitutes one pole of the electro magnet and the adjacent free end of the bar core the other a thin circular iron disc held pressed against the end of the tube by the electro magnetic attraction and free to vibrate through a very small space without touching the central pole constitutes the sounder by which the electric effect is reconverted into sound.-

The English Mechanic of 1st August 1876. The Journal of the Telegraph. New York. 1st of August 1876.
The Scientific American of 9th September 1876 amongst others, also contained more or less complete descriptions which supplement and elucidate the report just quoted placing the matter beyond doubt according to our opinion.

In consequence of these publications chiefly, but also because Bell had claimed things previously invented and patented by Varley, Lacour, E. Gray

and others a Disclaimer became necessary and was obtained. Unfortunately this was not opposed, hence the unsatisfactory form of it.

But we must now go through Edisons claims seriatim as compared with Bell.

When ~~we~~ as before stated we come to consider the first claim firstly, as to the mode of action we discover material differences between Edison and Bell except as regards figures 21. 22. and 23 of Edisons Specification. Secondly Bell claims a steel plate or "any equivalent plate capable of inductive action upon a current of electricity" by induction he can only mean magnetic induction, but Edison has none of this. –

Thirdly the peculiar laminated character of Mica is different to metal and has its peculiar value for Edisons purpose. Fourthly we find that the resonant plate of Edisons may be fixed in the middle and be free all round. Bells plate is not described in any other manner than as a tympan or drum or plate held fast all round the circumference.

The subject of the second claim is clearly not anticipated by Bell, as will be obvious from the foregoing and this may also be said of the third, fourth, fifth and sixth claims. –

As to the cork disc set forth in the fourth claim no mention is made in the specification of its use but the India rubber piece or tubing mentioned in lines 35 to 37 page 10 the use of which is evidently the same as that of the cork, is not claimed.

The fourth claim had better be struck out and part of the body of the specification should be altered to meet this omission.

We find that a resonant box for telephonic purposes has been disclaimed by Bell and it is therefore our opinion that the 7th claim is not affected on the question of novelty.

The subject of the 8th claim is not in our opinion anticipated by others. –

The 9th claim as restricted to a speaking telegraph will not in our opinion be affected by previous inventions for graphic rendering of sound.

The 10th claim. This we consider new.

The 11th claim in its present form is inad-

missible and should be restricted.

The 12th and 13th claims ~~are~~ we consider cover new arrangements.

The 14th claim apparently covers Bells arrangement and should be struck out or modified. The same applies to the 15th claim. —

The 16th claim is not interfered with by others as to novelty but has been referred to previously in other respects. —

The subject of the 17th claim we cannot find is anticipated. —

As to the 18th claim it appears doubtful what it refers to, if to figures 6. 14. and 15. it would be well to add this; on the score of novelty we have nothing to say against it.

The subject of the 19th claim is in our opinion new.

The 20th claim is clearly for a new arrangement viz: the Illonograph.

The subject of the 21st claim we do not think is anticipated.

The 22nd claim is not objectionable on the score of novelty.

The 23rd claim is not objectionable on the score of novelty.

The same may be said about

the 24th and 25th claims.

As to the 26th claim we have carefully considered the bearing of figures 19 to 26 and claim 2 of Bell's specification which at first sight appears to be approaching the same principle or arrangement, we have however come to the conclusion that there is a difference inasmuch as the mode of action of Edison's telephone is as before stated different to that of Bell's but this claim of Edison in its present form is inadmissible we think because if Bell's patent had been subsequent to Edison's Bell could not have used the arrangements herein referred to. Now Bell claims these arrangements in a certain system of telegraphy or telephony but not generally and Edison ought not to claim these arrangements for anything more than in reference to one particular figure in the drawings and for this system of telephony.

The 27th 28th 29th and 30th claims are not interfered with by Bell We consider that a general dis-

claiming clause before the claims will in most cases meet the necessity for restricting them.

We may further add that we have had the opinion of an electrician well read in modern publications on the head of telephones and he confirms our opinion to the effect that with exception of Bells Patent there are no other publications here previous to Edisons Patent which anticipate the novelty of Edisons invention except as hereinbefore set forth.

On considering the bearing of the above investigation in its entirety we are of opinion that although by a disclaimer and memorandum of alterations we cannot alter the title so as to render it perfectly accurate still at least thirteen of the claims and a few points in the body of the specification should be altered by disclaimer and memorandum of alteration in order to render the Patent so valid as will probably make it good in law if ever attached. —

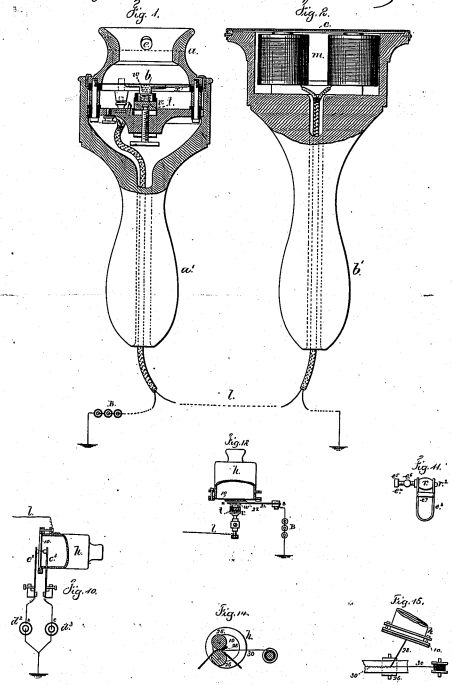
We consider a disclaimer the more necessary because Edisons second Phonograph Patent was not applied for within six months of this Patent which must therefore be considered as a foundation Patent to be upheld at all events.

Yours faithfully

(Signed) Drewry & Jensen

Drawings of T. A. Edisons
English Patent No 2909
July 30, 1877

Instruments for controlling by sound the transmission of sounds and the reproduction of sounds at a distance.



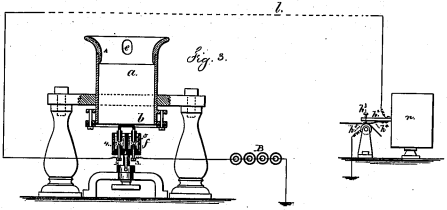
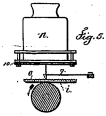


Fig. 3.

Fig. 4.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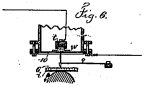
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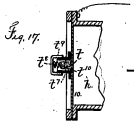
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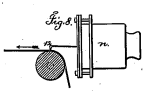
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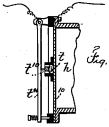
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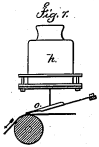
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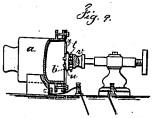
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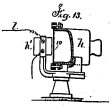
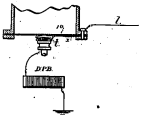


Fig. 13.

Fig. 18.

Fig. 19.



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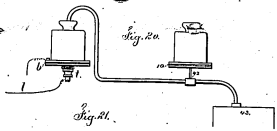
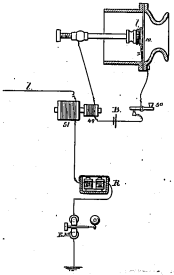


Fig. 21.

Fig. 22.

Fig. 23.

Fig. 24.



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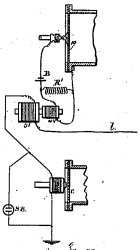

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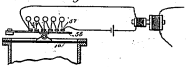
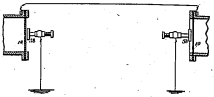


Fig. 27.



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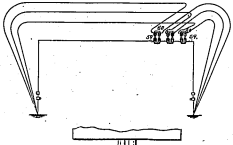
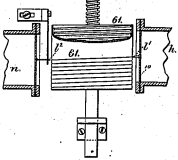


Fig. 29.



Gran Círculo de Obreros de México,

FUNDADO EN 1872.

Esta Corporacion, con arreglo al artículo 5.º de sus Estatutos, ha tenido á bien nombrar su Socio Honorario al Ciudadano Thomas A. Edison como inventor del Fonógrafo

Justicia, Igualdad y Progreso.—México, Julio 20 de 1878.

Cárlos Larrea,
Presidente.

Vicente Pagaza,
Tesorero.

Miguel Sanchez de Tagle,
Secretario.

Francisco Vargas,
Presidente
de la Comision de exposiciones.

Francisco Vera,
Miembro
de la Comision de exposiciones.

Duplicado

El Sr. D. Tomas A. Edisson
ha sido inscrito en el libro respectivo con fecha 4 de Octubre de 1878
como Socio honorario

México, Octubre 12 de 1878

Presidente
Juan N. Nieto

Secretario
Cárlos Cesar

Lit. de Paz y Bellyne, Méjico

Mexico November the 18th of 1878.

Mr. Thomas A. Edisson.
Menlo Park.

Sir. With date of the 12th of October we addressed you the following letter which we now duplicate, fearing that it did not reach your handed.

"In the meeting held by the Association of Telegraphists named "Cuerpo de Telegrafos" on the 12th of October of the present year, the same had your wonderful instrument called the Tonograph was exhibited for the first time in this city, the Association by unanimity acclaimed you as an honorary member of it, wishing to give a testimony of its admiration for your great discoveries.

With the present we have the honour to enclose your diploma of member of our Association, which we beg you will accept as an expression of the sentiments of sympathy and high regard in which you are held by all the members of it."

We are, Sirs, your most obedient humble Servants,

The President
Juan N. Nieto

The Secretary
Elias B.

Edison Electric Co.

Thomas A. Edison

— with —

The Edison Electric Light Company

Agreement

Dated November 15 1878

HM 105

This Agreement made the fifteenth day of November in the year one thousand eight hundred and seventy eight, between Thomas A. Edison, of Menlo Park, New Jersey, party of the first part, and The Edison Electric Light Company a corporation created and existing under the laws of the State of New York, and hereinafter called "the Company", party of the second part.

Witnesseth.

Whereas the Company has been organized with the view of becoming the owner of and of making, using and vending and licensing others to make, use and vend within the United States and other countries or colonies hereinafter mentioned all the inventions, discoveries, improvements and devices of said Edison, made or to be made, in or pertaining to Electric Lighting, or relating in any way to the use of electricity for the purposes of power, or of illumination or heating; or relating to improvements in Electric Engines or to the developing of electric currents by machines or otherwise for any use or purpose, except electric telegraphy.

And Whereas the said Edison is willing and desirous, in order to obtain the means to continue his investigations in the subjects above named, to transfer, upon the terms hereto for expressed upon and hereinafter fully set forth, all the right, title and interest in his said inventions, made or to be made, as herein provided, and the exclusive use thereof in the countries above named, together with all letters patent of the

United States or Canada, and all letters patent, special grants, concessions or privileges of any other State or country of North or South America, excepting the possessions of Spain, which may be granted for any of said inventions, discoveries, devices or improvements.

Now therefore, in accordance with said terms and in consideration of the mutual agreements of the parties hereto, as herein set forth, they respectively agree with each other as follows:

First. The said Edison hereby sells and assigns to the Company the entire right, title and interest in and to all inventions, discoveries, devices and improvements which he has hitherto made pertaining to Electric Lighting or to the use of electricity for the purposes of power, or of illumination or heating, or to improvements in Electric Engines, or to the developing of electric currents by machines, or otherwise for the uses or purposes above mentioned or any of them; and especially all inventions, discoveries, devices and improvements which are described in the following applications and caveats for patents of the United States, namely; an application in Case numbered 156, dated October fifth 1878, filed October 14th 1878; applications in Cases number 162 and number 163, prepared by L. W. Serrell & Son but not yet signed; in caveats numbered 82, dated October 7th 1878, 83, dated October 25th 1878, 84, dated October 12th 1878, and 85, dated October 25th, 1878; and also those which are described in a certain application and the papers thereto pertaining for letters patent of the Dominion of Canada, dated October 25th 1878. and does also agree

that all other inventions, discoveries, devices and improvements of the character above described, and all improvements which he may make within the period of seventeen years from the date of this instrument shall be deemed to have been made for and shall belong to the Company; and that he will take all such steps as are provided in the third article hereof to secure to the Company letters patent of the United States and Canada, and such letters patent or other special grants or concessions of any other State or country of North or South America, except the possessions of Spain, as can be secured from them or any of them. It being specially understood and provided, however, that this agreement is not intended to convey or give any interest to the Company in any invention designed or capable solely of being used in electric ~~al~~ telegraphy; or to give any right of use for electric telegraphy of any invention which may be applicable to that as well as to any of the other purposes which are the subject, as above named, of this agreement, but the right of use of any invention, discovery, apparatus or device contemplated by this agreement for electric telegraphy remains in said Edison, and the Company agrees to grant, under any letters patent belonging to it, such licenses for his benefit as he may request for the business of electric telegraphy.

Second. All inventions or discoveries of the character described in the first article hereof which may be made by said Edison within the first five years of the period above named, and all improvements which he may make during the same period upon any of such inventions, devices or im-

improvements shall belong to the Company without further consideration; but compensation shall be due for all inventions or improvements made after the expiration of said five years; and immediately upon the issue of any letters patent, grants, concessions or privileges for inventions, discoveries, devices or improvements made after the expiration of said five years, if the Company desires to hold such inventions and patents, such compensation shall be due and payable; and if the parties are unable to agree within three months from the date of such letters patent, grant or concession, upon the amount and the time, conditions and manner of payment of such compensation, the same shall, upon the written demand of either party, be submitted to arbitration of two indifferent and disinterested persons, one to be chosen by each party, with power to choose a third, and the decision of such arbitrators, or of a majority of them, shall be final and binding upon both parties.

Third. The said Edison agrees, that in respect to all the inventions and improvements herein provided for, he will promptly file, in the proper offices of the United States and Canada, such caveats as may be necessary, in the judgment of the Company, to protect the same; and will also promptly thereafter file his applications in the same offices for letters patent therefor, with requests that such letters patent may be issued to the Company as sole owner thereof, whenever the laws allow; and will, simultaneously with the filing of such caveats or applications, also deliver to the Company special assignments to it of all the right, title and interest in and to such inventions and improvements.

And said Edison also agrees to prepare or cause to be

prepared such drawings, models and specifications of the inventions and improvements provided for by this agreement, as may be necessary, in the judgment of the Company, or as may be required by it, to describe and illustrate them fully, and to deliver the same, with all sketches or memoranda pertaining to them, to the Company, and at all times, upon the request of the Company, to make, execute and deliver to it all amended specifications, models, drawings or applications that it may reasonably require, and all new or other assignments that may be necessary to secure to the Company the exclusive ownership of all the inventions, discoveries, devices and improvements intended by this agreement, in their most perfected form, together with all papers required to secure re-issues, renewals or extensions of letters patent, grants or concessions for any of them.

And said Edison agrees from time to time, as requested by the Company, to take all such other measures as may be necessary to procure letters patent or other grants or concessions, protecting his inventions, in such other States or countries of North or South America, except the possessions of Spain, and to assign to the Company, immediately upon receipt of them, all such letters patent, grants, concessions or privileges which may be issued in the first instance directly to him; but the expense of all things done in accordance with the provisions of this agreement, except as otherwise specially provided in the fifth article hereof, are to be borne by the Company.

Fourth The said Edison agrees, on behalf of and for the benefit of the Company, to prosecute with his utmost skill and diligence, further necessary investigations and experiments upon the use of electricity for the purposes described in the first article

and to endeavor to discover and devise the best and most economical means, modes and apparatus for applying electricity to the purposes above named, and for rendering the means, modes or apparatus which he may have discovered or devised, more useful, economical and convenient; and to perfect and complete all his inventions and improvements described in the first and second articles, and all such as may result from the further investigations and experiments herein provided for, as far and as fast as may be in his power. ——

Fifth. The Company hereby agrees to issue to said Edison two hundred and fifty thousand dollars of its Capital Stock of three hundred thousand dollars, and to pay him, upon the execution of this agreement, the sum of thirty thousand dollars in cash, of which sum said Edison agrees to expend twenty five thousand dollars, or so much thereof as may be necessary, in procuring and paying for the means and material required for the most effective prosecution of the investigations and experiments provided for in the fourth article hereof, and in defraying all other charges attendant upon such investigations and experiments, as well as the legal or other expenses attendant upon the organization of the Company and the preparation and taking out of patents in the United States and Canada for his inventions already made and described in the caveats and applications above referred to. —

Sixth. The Company further agrees out of its first net earnings, remaining after reserving fifty thousand dollars, or so much thereof as may be required to repay the sums paid in cash by the subscribers to its Capital Stock, to pay to the said Edison the further sum of one hundred thousand dollars in cash,

and thereafter to pay him an annual royalty upon every light licensed or used with its assent, under any of the patents of said Edison, of five (5) cents per light; and guarantees to pay in each year royalties to an amount not less than fifteen thousand dollars a year, if it has not income to that amount in that year from any source; provided however, that the Company shall have the option, by notice given on the first of January in any year, to pay thereafter a yearly commutation of thirty thousand dollars, in lieu of all royalties derived under patents of the United States and Canada; and the like option, upon similar notice, to pay thereafter annually the sum of twenty thousand dollars in lieu of all royalties or income derived under patents, grants, concessions or other rights secured to it in the other States or Countries above named.

Seventh. The Company hereby covenants with the said Edison that it will, in so far as the same may be practicable and economical, seek with diligence and good faith to introduce, as extensively as possible, in all the countries named in this agreement, the Electric Light produced by means and apparatus invented by said Edison, as well as to bring all such means and apparatus into like use for all the other purposes contemplated by this agreement.

Eighth. The said Edison agrees, at the request of the Company, and at its expense, to execute and deliver, from time to time, such writings of further assurance, or such separate instruments making special assignments of the interest or any portion thereof conveyed hereby, or such specific powers or authorities as for its convenience or interest it may desire to have separate from the general body of stipula-

tions herein contained.

Ninth. The several agreements and covenants of the parties hereto shall bind, and shall enure to the benefit of, respectively, the executors, administrators and assigns of Edison, and the successors of the Company.

In Witness whereof the party of the first part has hereto set his hand and seal, and the party of the second part has hereto caused its corporate seal to be affixed, and its corporate name to be subscribed, the day and year first above written.

Signed, sealed and delivered in the presence of
Francis R. Sexton
Charles Coddington

The Edison Electric Light Company
by Norvin Green Pres.
Thomas A. Edison

Attest
C. Goddard
Secy

State of New York
City and County of New York } ss:

On this fifteenth day of November, one thousand eight hundred and seventy eight before me personally came Norvin Green and Calvin Goddard to me known to be respectively the persons described in and who

executed the foregoing instrument as the President and Secretary respectively of The Edison Electric Light Company, the corporation described in and in whose behalf the same instrument was by them executed and they severally acknowledged to me that they executed the same as the free act and deed of said Company for the uses and purposes therein mentioned, and thereupon the said Norvin Green, being by me duly sworn, said that he resided in the City of New York; that he was the President of the said Edison Electric Light Company and that he signed the name of the said The Edison Electric Light Company and his own name as President thereof by order of the Board of Directors of said Company; and the said Calvin Goddard, being by me duly sworn, said that he resided in the City of New York; that he was the Secretary of the said The Edison Electric Light Company; that he knew the corporate seal of said company; that the seal affixed to the foregoing instrument was such corporate seal and was thereto affixed by him by order of the Board of Directors of said Company and by the like order he signed his own name to said instrument as Secretary of said Company.

And on the same day before me personally came Thomas A Edison to me known to be the individual described in and who executed the foregoing instrument and acknowledged to me that he executed the same for the uses and purposes therein mentioned.

In Witness whereof I have hereunto subscribed my name and affixed my official seal the day and year first above written.

Charles Roth (Cy)
Notary Public N.Y.C.

New York, Novr. 15th 1878.

Messrs. Egisto P. Fabbri,

and Grosvenor P. Lowrey,

Gentlemen:-

I herewith hand to you certificates for One thousand full paid shares of the Edison Electric Light Company, to be by you held in trust for the original subscribers to five hundred shares of the stock of said Company and delivered and distributed pro rata whenever their respective subscriptions are paid in full, or whenever you are of opinion that no more money than that already paid in by them, is necessary, or could usefully be employed in further outlays for experiments upon my present inventions relating to electric light. The right of any subscriber may be specially assigned, but shall not take effect in favor of any subscriber or his assignee who is in arrears upon the payment of the calls upon his subscription.

Yours very Resp^y,

(Signed) Thomas A. Edison.

Laboratory of
Thomas A. Edison
Menlo Park N.J.

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I Thomas Alva Edison of Menlo Park in the state of New Jersey United States of America do hereby declare the nature of the said invention for Improvement in Means for developing magnetism and electric current and in apparatus for illuminating by electricity to be as follows the first part of my invention relates to a dynamo magneto electric machine; In machines of this class electric currents have been developed in helices of the field of force magnets and other portions have been employed in electric lights and for other uses: In these machines, the currents that pass through the field of force magnets are expended simply in developing magnetism: I have discovered a method of developing magnetism and increasing the same to the maximum point according to the power employed in rotating the parts without the use of helices around the field of force magnets hence the electric current that is developed in the magneto electric machine can be entirely employed for lighting and other uses outside of the machine instead of a portion being used to develop magnetism. I shaft having ~~radial~~ radial bars which is revolved with the ~~ends~~ of the bars as near as

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possible to the poles of permanent magnets and the other poles of the magnets being adjacent to the hub or near the other end of the bars. In their revolution the bars become magnetized and increase the magnetism in the permanent magnets until the maximum magnetism is developed. ~~When~~

When a piece of steel is brought within the magnetic field of a permanent magnet the same becomes a magnet. I arrange a machine so that the induced magnetism reacts upon the permanent magnets to increase its power and thus develope magnetism by mechanical force in a manner somewhat similar to the development of electricity in a magneto electric machine, one of the devices I have employed consists of a,

These magnets are employed as field of force magnets in the magneto electric machine.

The development of a continuous current of electricity is also desirable for which purpose I employ copper rings or segments around an iron core and I use mechanical revolution whereby the electric action, developed upon the general principle of the copper disk between two magnetic poles as experimented upon by Arago, is converted into a continuously flowing electric current.

I make use of an electric candle composed of a strip of platina or similar metal that withstands a high temperature the same is made by rolling out flat a strip that is

thicker at one edge than the other and the same being coiling it into a spiral. It is then coated with a pyroinsulator formed of some oxide or other compound or material such as asbestos that is fused with difficulty. The oxides are preferably dissolved in an acid and applied to the helix and then the salt decomposed by heat. The helix is compressed into a compact cylindrical form and and it is rendered incandescent by the passage of the electric current. And by its expansion it is made to regulate the electric current and prevent injury to the light giving body as in a provisional specification heretofore filed by me. A resistance or rheostat is thrown in or out of circuit either automatically or in directing the current through the candle so as to maintain uniformity of resistance.

The aforesaid helix may be polished on the outer edge of the coil or a cuff be used around the same. When finely divided iridium or similar metal ~~not easily~~ not easily fused is mixed with an oxide such as the oxide of ~~titanium~~ iron or other metal that acts as a conductor when highly heated the resistance is lessened in proportion to the heat and by properly proportioning the mixture the bar or candle is self regulating to prevent the heat becoming too great. The conductors are largest near the source

of electric energy and decrease in size in proportion to the number of lights that have been and are to be supplied I provide a magnetic safety switch actuated by an electro magnet so as to supply to each building only the current required and to disconnect the circuit if the current is too powerful for the wires in the building come into contact I also provide for storing the electric current or energy so that the same may be used as required. this is done by the use of secondary batteries and there are devices for shifting the current from and secondary Battery to another periodically so that one may be in use while the other is being charged from the main circuit Induction coils when used should be placed with their primary coils in a shunt from the main conductors with current shifting devices and the secondary currents developed by induction are used in the electric candles.

Thomas A. Edison
Draft in Indiana
for analyzing generation
and electric circuits and
in apparatus for
illuminating by
electricity

Long Paper Part dated
Dec 28 1878

[47]

Power of Attorney
To Purchase
Regarding Telephones
in England

Not Executed

N. B. The Power of Attorney must bear date on a day subsequent to the date of the License to the London Stereoscopic & Photographic Company. —

To all to whom these Presents shall come Thomas Alva Edison of Menlo Park New Jersey in the United States of North America Sendeth Greeting **Whereas** by Letters Patent dated and duly sealed at Westminster the twelfth day of July One thousand eight hundred and seventy seven and Numbered 2909 Her Most Gracious Majesty Queen Victoria did for herself her heirs and successors give and grant unto me the undersigned Thomas Alva Edison my executors administrators and assigns and such others as I or my executors administrators or assigns should agree with and no others the sole right and exclusive privilege of making using exercising and vending within the United Kingdom of Great Britain and Ireland the Channel Islands and the Isle of Man a certain Invention of Improvements for controlling by sound the transmission of Electro Currents and the reproduction of corresponding sounds at a distance" during the term of fourteen years from the date of the said Letters Patent **And whereas** by a Contract or License dated the day of One thousand eight hundred and seventy eight under my hand and seal and made between myself of the one part and George Swan Nottage and Howard John Hennard carrying on business at No 54 Cheapside in the City of London under the style or firm of the London Stereoscopic and Photographic Company (therein called the Licensees) of the other part I did grant unto the Licensees the sole and exclusive privilege or license to sell part of my said Invention for the term and in manner therein mentioned **And whereas** I the said Thomas Alva Edison am desirous of appointing Theodore Proskas formerly of New York but now of the Langham Hotel London Gentleman my Attorney as hereinafter mentioned **Now** these Presents **witness** that I the said Thomas Alva Edison **Do** hereby make ordain constitute and appoint Theodore Proskas of the Langham Hotel London aforesaid Gentleman my true and lawful Attorney and Agent for me and in my name or otherwise and on my behalf within the United Kingdom of Great Britain and Ireland the Channel Islands and the Isle of Man to act for me in all matters and things relating to the said hereinbefore recited Contract or License or in any way connected therewith and in all other arrangements contracts licenses and dealings relating to my said Invention and Letters Patent or to the making using exercising and vending thereof or to the licensing or

sublettings of the right to use such invention or otherwise as he the said Theodore Pustras shall in his absolute discretion think best And also to make assent to and vary from time to time as to him shall seem good any modifications or modifications of the said hereinbefore recited Contract or License or any part thereof and also of any such other [illegible] contracts or licenses as aforesaid And to receive and give [illegible] receipts to all persons whomsoever for any money or moneys that may from time to time be due or owing to me in respect of any royalties or other profits derived or to be derived under or by virtue of the said hereinbefore recited Contract or License or from or in respect of the said Inventions and Letters Patent or in connection therewith And to commence bring and prosecute and concur and join in commencing bringing and prosecuting all actions suits claims and demands for or in respect of the said Inventions and Letters Patent or in anyway relating thereto or to compromise and settle the same or concur and join in compromising and settling the same And generally to settle any account and to do perform make grant and execute all and every such act and acts deed and deeds licenses and licenses and to enter into such contracts and to make and vary such modifications and generally to act in such manner in and about all the said premises as he the said Theodore Pustras shall think proper as fully and effectually to all intents and purposes whatsoever as I the said Thomas Alva Edison might or could do if personally present and also to substitute and appoint any person or persons to act under or in the place of the said Theodore Pustras in all or any of the matters aforesaid and every such substitute at pleasure to revoke I the said Thomas Alva Edison hereby agreeing to ratify and confirm whatsoever the said Theodore Pustras or his substitute or substitutes should lawfully do or cause to be done in or about the premises by virtue of these presents **In witness** whereof I the said Thomas Alva Edison have hereunto set my hand and seal this One thousand eight hundred and seventy eight day of

Signed Sealed and Delivered by the above named Thomas Alva Edison in the presence of . . . .

R. W. KELLOW FILE

During the 1910s and 1920s R.W. Kellow was secretary of Thomas A. Edison, Personal Interests, a division of Thomas A. Edison, Inc. which included the laboratory payroll. The documents in the Kellow File cover the years 1875-1929, but most are from the first three decades of the twentieth century. The file contains agreements and contracts, assignments and licenses, deeds, leases, mortgages, options, tax returns, powers of attorney, and miscellaneous correspondence. Some of the documents have been transferred into the Kellow File from the Harry F. Miller File.

All pre-1879 material has been selected. These nine items include documents pertaining to Edison's Menlo Park properties and agreements concerning the sale of foreign phonograph and telephone patents.

The documents have been arranged in chronological order for filming. Prior to the microfilming the R.W. Kellow File consisted of 239 envelopes, each containing several documents. The envelopes were numbered 1 through 239, but some envelopes were missing from the sequence. The envelopes were not arranged in chronological or topical order. However, the contents of each envelope were usually limited to a single document type, person, business interest, business relationship, or transaction.

Similar documents of a legal or quasi-legal nature can be found in the Document File and in other series on the microfilm.

WARRANTY DEED. WILLIAMS & PLUM, Law Blank Publishers, Newark, N. J.

This Indenture,

made the twenty ninth day of December, in the year of Our Lord One Thousand Eight Hundred and Seventy-five, Between George Goodyear, Trustee for Mrs. Bede Lansing, and also Trustee for Harriet T. DeForest, ~~of the said Trustee~~ residing at ~~of~~ Ayer, in the County of Middlesex, and State of Massachusetts of the First Part: And Thomas A. Edison, of the City of Newark, in the County of Essex and State of New Jersey of the Second Part: Witnesseth, That the said party of the first part for and in consideration of Five Thousand Two Hundred Dollars, lawful money of the United States of America, to him in hand well and truly paid by the said party of the second part, at or before the sealing and delivery of these presents, the receipt whereof is hereby acknowledged, and the said party of the first part therewith fully satisfied, contented and paid, has given, granted, bargained, sold, aliened, released, enfeoffed, conveyed and confirmed, and by these presents does give, grant, bargain, sell, alien, release, enfeoff, convey and confirm to the said party of the second part, and to his heirs and assigns forever, All those certain tracts or parcels of land and premises, hereinafter particularly described, situate, lying and being in the Township of Raritan, in the County of Middlesex, and State of New Jersey;

The First Tract, - Beginning at the intersection of the northwesterly line of Thomall Avenue with the northeasterly line of Christie Street as said Avenue and Street are laid down on the "Map of the Menlo Park Annexed Association," - (which is duly filed in the office of the Clerk of Middlesex County, New Jersey,) and thence running Northeasterly along said Thomall Avenue one hundred and fifty feet; thence in a Northwesterly direction at right angles with said Avenue three hundred feet to the Southeasterly line of Monmouth Avenue as laid down on said map; thence in a Southwesterly di-

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7742.

Warranty Deed.

George Goodyear
Christie St.

To

Thomas A. Edison

Dated Dec. 29th 1875

Received in the Office of the Clerk of Middlesex County, on the 4 day of Feb. A. D. 187 6, at 4 o'clock P. M. and Recorded in Book 147 of DEEDS for said County, on pages 22 &c.

Per Geo. Q. Chase
Clerk

Fee $1.00

State of New Jersey, County of Essex, } ss. Be it Remembered, That on this twenty ninth day of December, in the year of Our Lord One Thousand Eight Hundred and Seventy five, before me the subscriber, a Counsellor at Law of said State, personally appeared George Goodyear, who, I am satisfied, is the grantor in the within Deed of Conveyance named; and I having first made known to him the contents thereof, he did acknowledge that he signed, sealed and delivered the same as his voluntary act and deed, for the uses and purposes therein expressed:

James McDermand
Atty. at Law

And the said, being by me privately examined separate and apart from husband, did further acknowledge that she signed, sealed and delivered the same as her voluntary act and deed, free from all fear, threats or compulsion of said husband.

LAW BLANK PUBLISHERS
NEWARK, N.J.
WILLIAMS & PLUM

recting along said Monmouth Avenue, one hundred and fifty feet to the northeasterly line of said Christie Street; thence in a Southeasterly direction along said Christie Street three hundred feet to the Beginning. Being known as lot number one (1) in Block C, upon the aforesaid map and being part of land conveyed to said Goodyear as Trustee for Mrs. Bede Lansing by deed recorded in Middlesex Clerk's Office in Book 120 of Deeds, page 11, &c.

The Second Tract, - Beginning at the intersection of the northwesterly line of Woodbridge Avenue with the southwesterly line of Christie Street as said Avenue and Street are laid down on the map aforesaid and thence running Northwesterly along said Christie Street three hundred feet to the Southeasterly line of Middlesex Avenue as laid down on said map; thence in a Southwesterly direction along said Middlesex Avenue, one hundred and fifty feet; thence in a Southeasterly direction parallel with said Christie Street three hundred feet to the northwesterly line of said Woodbridge Avenue; thence in a Northeasterly direction along said Woodbridge Avenue one hundred and fifty feet to the Beginning - Being known as lots numbers eight (8), nine (9), ten (10), Eleven (11), twelve (12) and thirteen (13) in Block L, upon the aforesaid map and being part of land conveyed to said Goodyear as Trustee for Harriet S. DeForest by deed recorded in Middlesex Clerk's Office in Book 128 of Deeds, page 444 &c.

Together with all and singular, the houses, buildings, trees, ways, waters, profits, privileges, and advantages, with the appurtenances to the same belonging or in anywise appertaining: **Also**, all the estate, right, title, interest, property, claim and demand whatsoever, of the said party of the first part, of, in and to the same, and of, in and to every part and parcel thereof: **To Have and to Hold**, all and singular the above described land and premises, with the appurtenances, unto the said party of the second part, his heirs and assigns, to the only proper use, benefit and behoof of the said party of the second part, his heirs and assigns forever: and the said

George Goodyear,

do for himself, his heirs, executors and administrators covenant and grant to and with the said party of the second part, his heirs and assigns, that he, the said George Goodyear, as Trustee, is

the true, lawful and right owner of all and singular the above described land and premises, and of every part and parcel thereof, with the appurtenances thereunto belonging; and that the said land and premises, or any part thereof, at the time of the sealing and delivery of these presents, are not encumbered by any mortgage, judgment, or limitation, or by any encumbrance whatsoever, by which the title of the said party of the second part, hereby made or intended to be made, for the above described land and premises, can or may be changed, charged, altered or defeated in any way whatsoever:

And Also, that the said party of the first part now hath good right, full power and lawful authority, to grant, bargain, sell and convey the said land and premises in manner aforesaid. **And Also**, that he, the said George Goodyear,

will **Warrant**, secure, and forever defend the said land and premises unto the said

Thomas A. Edison, his

heirs and assigns, forever, against the lawful claims and demands of all and every person or persons, freely and clearly freed and discharged of and from all manner of encumbrances whatsoever.

In Witness Whereof, the said party of the first part hath hereunto set his hand and seal the day and year first above written.

Signed, Sealed and Delivered in the presence of

James M. Durand

George Goodyear

MORTGAGE—INTEREST CLAUSE.

J. W. HARRISON, Stationer, 16 Exchange Place, Jersey City.

This Indenture,

made the twenty ninth day of December, in the year one thousand eight hundred and seventy five,

BETWEEN Thomas A. Edison and Mary, his wife, of the city of Newark, in the county of Essex and State of New Jersey, of the first part, and

George Goodyear, of Ayer, in the county of Middlesex and State of Massachusetts, of the second part,

Whereas, the said Thomas A. Edison is justly indebted to the said party of the second part, in the sum of Three Thousand Dollars,

lawful money of the United States of America, secured to be paid by his certain bond or obligation, bearing even date with these presents, in the penal sum of Six Thousand Dollars,

lawful money as aforesaid, conditioned for the payment of the said first mentioned sum of Three Thousand Dollars,

lawful money as aforesaid to the said party of the second part, his executors, administrators, or assigns, on the twenty ninth day of December, which will be in the year one thousand eight hundred and seventy six, and interest thereon, to be computed from the date of said bond, at and after the rate of seven per cent. per annum, and to be paid semi-annually,

And it is thereby expressly agreed, that should any default be made in the payment of the said interest, or of any part thereof, on any day whereon the same is made payable, as above expressed, and should the same remain unpaid, and in arrear, for the space of thirty days, then, and from thenceforth, that is to say, after the lapse of the said thirty days, the aforesaid principal sum of money,

with all arrearage of interest thereon, shall, at the option of the said party of the second part, or his legal representatives, become and be due and payable immediately thereafter, although the period above limited for the payment thereof may not then have expired, anything therein before contained to the contrary thereof in any wise notwithstanding; as by the said bond or obligation, and the condition thereof, reference being thereunto had, may more fully appear. **Now, this Indenture Witnesseth,** That the said parties of the first part, for the better securing the payment of the said sum of money mentioned in the condition of the said bond or obligation, with interest thereon, according to the true intent and meaning thereof, and also for and in consideration of the sum of one dollar, to them in hand paid by the said party of the second part, at or before the ensealing and delivery of these presents, the receipt whereof is hereby acknowledged, have granted, bargained, sold, aliened, released, conveyed and confirmed, and by these presents do grant, bargain, sell, alien, release, convey and confirm, unto the said party of the second part, and to his heirs and assigns forever, ALL that certain tract or parcel of land and premises, hereinafter particularly described, situate, lying and being in the Township of Raritan, in the County

of Middlesex and State of New Jersey,

—Beginning at the intersection of the northwesterly line of Thornall Avenue with the northeasterly line of Christie Street as said Avenue and Street are laid down on the Map of the Menlo Park Homestead Association, (which is duly filed in the office of the Clerk of Middlesex County New Jersey) and thence running Northeasterly along said Thornall Avenue one hundred and fifty feet; thence in a Northwesterly direction at right angles with said Avenue three hundred feet to the southeasterly line of Monmouth Avenue as laid down on said map; thence in a Southwesterly direction along said Monmouth Avenue one hundred and fifty feet to the northeasterly line of said Christie Street; thence in a Southeasterly directions along said Christie Street three hundred feet to the Beginning. Being known as lot number one (1) in Block E upon the aforesaid map.

—And being part of land conveyed to said Thomas A. Edison by deed from George Goodyear, Trustee &c, dated December 29th A.D. 1887.

Together with all and singular the tenements, hereditaments and appurtenances thereunto belonging or in any wise appertaining, and the reversion and reversions, remainder and remainders, rents, issues, and profits thereof; And also all the estate, right, title, interest, dower & right of dower property, possession, claim, and demand whatsoever, as well in law as in equity, of the said party of the first part, of, in and to the same, and every part and parcel thereof, with the appurtenances: To have and to hold the above granted and described premises, with the appurtenances, unto the said party of the second part, his heirs and assigns, to his & their own proper use, benefit and behoof, forever. Provided always, and these presents are upon this express condition, that if the said party of the first part, his heirs, executors or administrators, shall well and truly pay unto the said party of the second part, his executors, administrators or assigns, the said sum of money mentioned in the condition of said bond or obligation, and the interest thereon, at the time and times, and in the manner mentioned in the said condition, according to the true intent and meaning thereof, that then these presents, and the estate hereby granted, shall cease, determine and be void. And the said Thomas A. Edison for himself, his heirs, executors and administrators, doth covenant and agree to pay unto the said party of the second part, his executors, administrators or assigns, the said sum of money and interest, as mentioned above and expressed in the conditions of the said bond.

In Witness Whereof, the said parties of the first part have hereunto set their hands and seals the day and year first above written.

Sealed and delivered in the presence of

Geo Briel
Samuel Edison
James F. Bond as to Mary Edison

Thos A Edison
Mary Edison

Note.—The name "Thomas A. Edison" in line marked (1) was interlined before executing hereof:

State of New Jersey } Be it remembered, that on this eighteenth
County of Essex } day of August in the year of our Lord one thousand eight hundred and seventy six, before me Edward F. Atwater a Master in chancery of said State, personally appeared Mary Edison, who I am satisfied is one of the grantors in the within indenture of mortgage, named and who executed the same; and I having first made known to her the contents thereof she did thereupon acknowledge that she signed sealed and delivered the same as her voluntary act and deed for the uses and purposes therein expressed; and the said Mary Edison, being by me privately examined separate and apart from her husband Thomas A. Edison, did further acknowledge that she signed sealed and delivered the same as her voluntary act and deed freely, and without any fear threats or compulsion of or from her said husband.

Edward F. Atwater
Master in chancery of New Jersey

Filed Dec 20 A.D. 1875

Thomas A. Edison
to
Mary Edison
Mortgage

RECEIVED in the Office of the Clerk of the County of Essex on the 20th day of Dec. A.D. 1875 at 3 o'clock P.M. and recorded in Book 68 of Mortgages for said County.

Geo. H. Lyons
Clerk

Rec'd Mrs Turner Sec'y Mr Clerk
21 Nassau st
New York

State of } Be it Remembered,
New Jersey
Essex County, ss.

That on this Thirty first day of December in the year one thousand eight hundred and Seventy five before me A Commissioner of deeds in & for said County personally appeared

Thomas A. Edison

who, I am satisfied, is the grantor in the within Indenture of Mortgage named, and who executed the same; and I having first made known to him the contents thereof, he did thereupon acknowledge that he signed, sealed and delivered the same as his voluntary act and deed for the uses and purposes therein expressed

+ ~~And the said~~

E. E. Pond
Comr

being by me privately examined separate and apart from his said wife, did further acknowledge that she signed sealed and delivered the same as her voluntary act and deed FREELY and without any fear threats, or compulsion of or from said husband

State of New Jersey } Be it Remembered
Essex County. ss.

That on this Fifteenth day of June in the year one thousand eight hundred and seventy six before me A Commissioner of Deeds in and for said County and State personally appeared Mary Edison, who I am satisfied is the grantor in the within Indenture of Mortgage named in the same, and I having first made known to her the contents thereof she did thereupon acknowledge that she signed, sealed, and delivered the same as her voluntary act and deed for the uses and purposes therein expressed. [illegible]

Mary F. Pond
Comr

BOND—With Special Condition. WILLIAMS & PLUM, LAW Blank Publishers, Newark, N. J

Know all Men by these Presents, THAT

I, Thomas A. Edison,

of the City of Newark, in the County of Essex and State of New Jersey, am held and firmly bound unto George Goodyear, of Ayer, in the County of Middlesex and State of Massachusetts,

in the sum of Six Thousand Dollars,

lawful money of the United States of America to be paid to the said

George Goodyear,

or to his certain Attorney, Executors, Administrators or Assigns; To which payment well and truly to be made, I bind myself, my Heirs, Executors and Administrators,

firmly by these presents. Sealed with my Seal and Dated the twenty ninth day of December in the year of Our Lord One Thousand Eight Hundred and Seventy five.

The Condition of the above Obligation is such, That if the above bounden

Thomas A. Edison, his

Heirs, Executors, and Administrators, shall well and truly pay, or cause to be paid, unto the above named

George Goodyear, his

Executors, Administrators or Assigns, the just and full sum of Three Thousand Dollars,

lawful money aforesaid on the twenty ninth day of December, in the year one thousand eight hundred and Seventy six and interest thereon to be computed from the date hereof, and after the rate of seven per cent per annum, payable semi annually,

---

Paid
BOND.
Thomas A. Edison
to
George Goodyear
Dated Dec. 29th 1876
$6000
Sealed
Witness
H. B. Thomas
E. F. Pierce

FILE ENVELOPE No. 8 MAIN ST.
CONTENTS No. 8 Cash Co.
THOMAS A. EDISON
WILLIAMS & PLUM
LAW BLANK PUBLISHERS
NEWARK, N.J.

MAY 29 1890
RECEIVED $3000 IN FULL OF PRINCIPAL OF WITHIN BOND AND $ INTEREST THEREON.
Witness Chas. Dudley Secretary
Thomas A. Edison President.

Paid June 29 1876, by Principal and on the within Bond Ed. Goodyear

without any fraud or other delay, then the above Obligation to be Void, otherwise to remain in full force and virtue.

And it is hereby expressly Agreed, *That should any default be made in the payment of the said interest, or any part thereof, on any day whereon the same is made payable, as herein before expressed: And should the same remain unpaid and in arrear for the space of* — *thirty* — *days, then and from thenceforth, that is to say, after the lapse of the said* — *thirty* — *days, the aforesaid principal sum of money, with all arrearage of interest thereon, shall at the option of the said* — George Goodyear, his

Executors, Administrators or Assigns, become and be due and payable immediately thereafter, although the time above limited for the payment thereof may not then have expired, anything herein before contained to the contrary thereof in anywise notwithstanding.

Signed, Sealed and Delivered in the presence of

Samuel Edison
L. Coffice

Thos. A. Edison

Dec 4/76	Rec'd	45	45	Int to	Dec 1876	Samuel
May 25/77	"	105	"	"	June 1877	Samuel
Dec 4/77	"	105	"	"	Dec 1877	Samuel
June 7/78	"	105	"	"	June 1878	Samuel
Dec 2/78	"	105	"	"	Dec 1878	Samuel
May 26/79	"	105	"	"	June 1879	Samuel
Dec 4/79	"	105	"	"	Dec 1879	Samuel
June 10/80	"	105	"	"	June 1880	Samuel
Dec 2/80	"	105	"	"	Dec 1880	Samuel
July 11/81	"	105	"	"	June 1881	Samuel
Dec 3/81	"	105	"	"	Dec 1881	Samuel
June 1/82	"	105	"	"	June 1882	Samuel
Dec 28/82	"	105	"	"	Dec 1882	Samuel
June 23/83	"	105	"	"	June 1883	Samuel
Dec 24/83	"	105	"	"	Dec 1883	Samuel
July 5/84	"	105	"	"	June 1884	Samuel
Jany 29/85	"	105	"	"	Dec 1884	Samuel
June 10/85	"	105	"	"	June 1885	Schroeder Atty
July 2/86	"	105	"	"	Dec 1886	
Aug 4/86	"	105	"	"	June 1886	
Dec 7/86	"	105	"	"	Dec 1886	Schroeder Atty
~~June~~ 23/87	"	105	"	"	Dec 1887	Schroeder Atty
June 5/88	"	105	"	"	June 1888	Schroeder Atty
Dec 10/88	"	105	"	"	Dec 1888	Schroeder Atty
June 11/89	"	105	"	"	June 1889	Wheeler
Dec 20/89	"	105	"	"	Dec 1889	Wheeler

#111

Agreement –
Dec. 29, 1875
George Goodyear
Thomas A. Edison.

FILE ENVELOPE No. ~~H.F.A. III~~ P.W.K. 70
CONTENTS No. List 4
THOMAS A. EDISON (Personal)

Agreement made this twenty ninth day of December, A.D. 1875, between George Goodyear, of Ayer, in the County of Middlesex and State of Massachusetts, of the first part; and Thomas A. Edison, of the City of Newark in the County of Essex and State of New Jersey, of the second part:

Whereas, the said party of the first part as Trustee for Mrs. Rede Lansing and also for Harriet T. DeForest, – hath conveyed to said party of the second part certain lands and real estate situate in the Township of Raritan, in the County of Middlesex and State of New Jersey by deed of conveyance bearing even date herewith; – and whereas the said party of the second part hath executed a mortgage to said party of the first part upon part of said lands and real estate, to secure Three Thousand Dollars and interest, – due and owing from said party of the second part to said party of the first part;

and whereas part of the property upon which said mortgage was given and part of the security consists in a certain dwelling house or building:

Now therefore in consideration thereof and in further consideration of Twenty Dollars duly paid by said party of the second part the said party of the first part doth agree and covenant with said party of the second part that he will cause said dwelling house or building to be insured in a safe and responsible insurance company or companies for the term of one year from this date, - for the sum of Four Thousand Dollars, - and in case of fire and the total destruction of said building said party of the first part upon collection of said insurance shall and will, after reserving the amount due upon his said mortgage, pay over the residue thereof to said party of the second part -

And it is further agreed that the stipulations and covenants herein contained shall apply to and bind the heirs, executors administrators and assigns of the respective parties

In Witness Whereof the said parties have hereto set their hands and seals the day and year first aforesaid.

Sealed & delivered in presence of } George Goodyear (Seal)

(Seal)

Rec'd. Rec'd. 29/75 Twenty dollars from T. A. Edison on the above George Goodyear

Forward to Mr. A. J. Foley
Perth Amboy N.J.

Oct 2 1908
Book 6 Page 12
Dated July 21 st 1898

Charles Johnson
and wife
to
Mary E. Edison
Lot 2
Block 46

Deed.

RWK 20
FILE ENVELOPE NO. 7
CONTENTS No. 1
THOMAS A. BRIGGS (Partners)

State of New Jersey
New York ~~Hudson~~ County, ss. } Be it Remembered,

That on this third day of July in the year one thousand eight hundred and seventy six before me, Thomas M. Sackett a Commissioner of Deed for the State of New Jersey personally appeared, Charles Johnson and Mary Johnson his wife

who, I am satisfied, are the grantor s in the within DEED OF **Conveyance** named, and who executed the same; and I having first made known to them the contents thereof, they did thereupon severally acknowledge that they signed, sealed and delivered the same as their voluntary act and deed for the uses and purposes therein expressed.

And the said Mary Johnson being by me privately examined, separate and apart from her said husband, did further acknowledge that she signed, sealed, and delivered the same as her voluntary act and deed, FREELY, and without any fear, threats, or compulsion of or from her said husband

Thomas M. Sackett
A Commissioner of Deed
for New Jersey

Received in the Clerk's office of the County of Middlesex
this 2 day of October A.D., 1871 at 12 o'clock, P. M., and recorded the same day in Book 16 of Deeds on page 12

Attest
Geo. H. Ryerson
Clerk

GEO. RYERSON,
Law Office,
389 NEWARK AVENUE,
JERSEY CITY, N.J.

WARRANTY DEED. THOMAS ALBERSON, Stationer, two doors West of Court House, Jersey City.

This Indenture, MADE the twenty first day of July in the year of our Lord one thousand eight hundred and seventy six

Between Charles Johnson and Mary Johnson his wife

of the town of New Brighton in the County of Richmond and State of New York party of the first part: and Mary E. Edison part of the second part

Witnesseth, that the said party of the first part, for and in consideration of the sum of Two Hundred Dollars lawful money of the United States to them in hand paid by the said party of the second part, the receipt whereof is hereby acknowledged, and the said party of the first part therewith fully satisfied and paid: Have given, granted, bargained, sold, aliened, released, conveyed and confirmed, and by these presents do give, grant, bargain, sell, alien, release, convey and confirm unto the said party of the second part, and to heirs and assigns forever:

ALL that certain lot, tract or parcel of land and premises hereinafter particularly described, situate lying and being in the township of Raritan in the County of Middlesex and State of New Jersey being lot known and marked as and for lot number two (2) in Block C, on a "map of the Menlo Park Homestead Association on New Jersey Rail Road and Transportation Co." which map is on file in Middlesex County Clerk's office at New Brunswick New Jersey, said lot is fifty feet wide in front and rear and lies on the South Easterly side of Monmouth Avenue as laid down on said map, and extends back a uniform width for a distance of one hundred and fifty feet

Provided always and this conveyance is made upon the express condition that no nuisance of any nature or kind whatsoever shall be placed maintained, allowed or suffered upon any part of the premises hereby conveyed, and provided further that no building shall be erected upon any part of the said premises fronting

on said Monmouth Avenue other than a dwelling to cost not less than two thousand dollars; not intending hereby to restrict or prevent the erection in the rear of any dwelling that may be placed upon the said premises of any building other than a dwelling —

Being the same premises conveyed to said Charles Johnson by George Goodyear by deed dated May 1st 1892 and recorded in County Clerk's Office, Middlesex County New Jersey in Book 147 of deeds, pages 446 &c — from which said deed the above description and condition have been copied

Together *with all and singular the tenements, hereditaments, easements and appurtenances belonging or appertaining thereto, and the reversions, remainders, rents, issues and profits thereof. And also all the estate, right, title, interest* —

property, possession, claim and demand whatsoever of the said party of the first part, of, in and to the same, and every part and parcel thereof. **To Have and to Hold** *all and singular the above granted and described land and premises, with the appurtenances, unto the said party of the second part, heirs and assigns, to their only proper use, benefit and behoof, forever.* —

And *the said* Charles Johnson — *do th for himself his heirs, executors and administrators, covenant and grant to and with the said party of the second part, heirs and assigns, that he the said* Charles Johnson *is the true, lawful and right owner, in fee simple of all and singular the above granted land and premises, and every part thereof, with the appurtenances, and has full right and lawful authority to give, grant, bargain, sell and convey the said land and premises, in manner aforesaid.* —

And that the said party of the second part shall, and may at all times, peaceably have, hold, use, possess and enjoy the said granted premises, and every part thereof, with the appurtenances, without any molestation, eviction, or disturbance, by the said party of the first part his heirs or assigns, or by any other person or persons lawfully claiming, or to claim, the same. —

And that the same now are free and unincumbered of and from all former grants, mortgages, judgments, liens, charges and incumbrances whatsoever, —

And that the said Charles Johnson *his heirs and assigns will execute to the said party of the second part heirs or assigns, at or their request and cost, any further conveyances necessary or proper, or advised by counsel, to vest said lands in fee in or them forever* — *And that the said* Charles Johnson *and his heirs will warrant and secure, and forever defend the said land and premises, with the appurtenances, unto the said*

heirs and assigns forever, against the said party of the first part, and his heirs, and against the lawful claims and demands of all and every person and persons. —

In Witness Whereof, *the said party of the first part, has hereunto set his hands and seals the day and year first above written.* —

SIGNED, SEALED AND DELIVERED, IN THE PRESENCE OF

T. M. Lackett

Charles Johnson

Mary Johnson

Received on Clerk's Office Middlesex County June 14th 1876 at 9 o'clock a. m. and examined and compared & certify the assignment of Mortgage on page 67-8 &c.

Chas. S. Rice
Clerk.

#111

The Orfill

George Goodyear

TO

THE MUTUAL LIFE INSURANCE CO.
OF NEW-YORK

Dated, August 31st 1876.

Assignment.

RECORD OF ASSIGNMENTS OF MORTGAGES
No. 1 Wall St. Rooms 5 & 6
WILLIAM A. BURTON, PROPRIETOR

Examined and compared

Nathl A. Turner

Office of Orfill & Parsons
Counsellors at Law
Tuttle's Block
Main & Pearl Sts.
Worcester Mass.

Assignment of Mortgage.—Guarantee Clause.

Know all Men by these Presents

That I, George Goodyear, of Boston Massachusetts, of the first part, in consideration of the sum of Three Thousand dollars, lawful money of the United States, to me in hand paid by THE MUTUAL LIFE INSURANCE COMPANY OF NEW YORK, of the second part, at or before the ensealing and delivery of these presents, the receipt whereof is hereby acknowledged, have granted, bargained, sold, assigned, transferred, and set over, and by these presents do grant, bargain, sell, assign, transfer, and set over, unto the said parties of the second part, a certain Indenture of Mortgage, bearing date the Twenty ninth day of December, in the year One Thousand Eight Hundred and Seventy five, and recorded in the office of the Clerk of ~~the~~ Middlesex County ~~of~~ New Jersey, in Liber 68, of Mortgages, at page 6, made by Thomas A. Edison and wife to secure payment of the sum of Three Thousand Dollars, and interest, together with the bond or obligation, therein described, and the money due and to grow due thereon, with the interest: To Have and to Hold the same unto the said parties of the second part, their successors and assigns forever, subject only to the proviso in the said Indenture of Mortgage mentioned; and I do hereby make, constitute and appoint the said parties of the second part my true and lawful attorney, irrevocable, in my name or otherwise, but at my proper costs and charges, to have, use, and take all lawful ways and means for the recovery of the said money and interest; and in case of payment, to discharge the same as fully as I might or could do if these presents were not made. And I do hereby covenant and agree to and with the said parties of the second part that the full principal sum of Three Thousand dollars, with interest thereon from the Thirtieth day of June 1876, is now due and owing in respect of the aforesaid Mortgage, and I do hereby guarantee the payment of the same.

In Witness Whereof, I have hereunto set my hand and seal the thirty first day of August in the year One Thousand Eight Hundred and seventy six.

Sealed and Delivered in the Presence of

William H. Clarson

George Goodyear

CITY AND COUNTY OF NEW-YORK, ss.: On this thirty first day of August 1876, before me personally appeared George Goodyear to me known to be the individual described in and who executed the foregoing instrument in writing, and he acknowledged to me that he had executed the same.

State of New York, City and County of New York } ss. Be it remembered that on this 1st day of September A.D. 1876, before me, the subscriber, a commissioner of the State of New Jersey, for taking the acknowledgment and proof of deeds &c., personally appeared George Goodyear who I am satisfied is the Grantor in the foregoing instrument named; and I having first made known to him the contents thereof he did acknowledge that he signed, sealed and delivered the same as his voluntary act and deed for the uses and purposes therein expressed.

In witness whereof I have hereunto set my hand and affixed my Official seal this 1st day of September A.D. 1876.

William H. Clarson

Commissioner for New Jersey in New York.
137 Broadway, N. Y. City,

This Agreement,

made this Twenty first day of August in the year Eighteen Hundred and Seventy six between Thomas A. Edison of the Township of Raritan, Middlesex County, State of New Jersey, of the first part, and THE MUTUAL LIFE INSURANCE COMPANY OF NEW-YORK, of the second part, witnesseth that, whereas, Thomas A. Edison and wife did heretofore execute, duly acknowledge, and deliver a certain Indenture of Mortgage, bearing date the Twenty ninth day of December 1876, and recorded in the office of the Clerk of the County of Middlesex on the Twenty ninth day of August 1876, in Liber 68 of Mortgages, at page 6, to secure the payment to George Goodyear of the sum of Three thousand Dollars, with interest, according to the condition of a certain bond or obligation, bearing even date therewith in the penal sum of Six thousand Dollars, which said Mortgage and bond by deed of Assignment bearing even date with these presents, was assigned by the said George Goodyear to THE MUTUAL LIFE INSURANCE COMPANY OF NEW-YORK, the party hereto of the second part, and whereas the party hereto of the first part has become and still is seized and possessed of the premises mentioned and described in the said Indenture of Mortgage. **Now Therefore,** in consideration of the sum of One Dollar in hand paid to the party hereto of the first part by the party hereto of the second part, at or before the ensealing and delivery of these presents, the receipt whereof is hereby acknowledged, and the acceptance by the said party hereto of the second part of an assignment of the said Mortgage, and the bond accompanying the same, the said party hereto of the first part doth hereby covenant and agree to and with the said party hereto of the second part that the full principal sum of Three thousand

---

9748.

Thomas A. Edison.

THE MUTUAL LIFE INSURANCE CO. OF NEW-YORK.

Agreement.

August 21, 1876

Filed B. Rowe

O K Clerk

Dunn, Gray & McClure

Attorneys & Counsellors

22 Nassau Street N.Y.

N. W. Harris, Printer, 44 and 46 Gold Street, New York.

Dollars, with interest thereon, from the thirtieth day of June 1876, is now owing in respect of the aforesaid bond and Mortgage, and that there are no offsets or counter claims whatsoever affecting the collection of the said principal sum of three thousand Dollars, and the interest thereon, as aforesaid, or any part of said principal or interest, and the said party of the first part do hereby further covenant and agree to, and with the said party of the second part, to pay or cause to be paid to it interest upon the said principal sum at the rate of seven per centum per annum, from the date aforesaid, from which the same is unpaid, half yearly, on the first days of June and December in each year, as if such days had been expressed as the days of payment of interest in the said bond, until the said Mortgage shall have been fully paid and satisfied. And I, Thomas A. Edison do hereby admit due notice of the assignment of the said Mortgage, together with the bond or obligation therein described to the said THE MUTUAL LIFE INSURANCE COMPANY OF NEW-YORK by the said George Goodyear

In Witness Whereof, the party hereto of the first part hath hereunto set his hand and seal the day and year first above written.

Sealed and Delivered in the Presence of

Chas Batchelor

Thos. A. Edison, (Seal)

~~State of New York, City and County of New York, ss.: On the thirty first day of August 1876 before me personally appeared~~

~~to me known to be the individual described in and who executed the foregoing instrument and acknowledged that he executed the same.~~

State of New York, City and County of New York } ss.

Be it remembered that on this 1st day of September A. D. 1876 before me William H. Clarkson a Commissioner of the State of New Jersey, for taking the acknowledgment and proof of Deeds &c. personally appeared Charles Batchelor who being by me duly sworn, according to law, on his oath saith, that he saw Thomas A. Edison the foregoing named grantor, sign, seal, and deliver the foregoing instrument, as his voluntary act and deed, and that he the said Charles Batchelor subscribed his name to the same, at the same time as an attesting witness.

Chas Batchelor

Subscribed in my presence and sworn to before me this 1st day of September A. D. 1876. Witness my hand and official seal.

William H. Clarkson

Commissioner for New Jersey in New York.

Dated Dec. 17th 1877

Thomas A. Edison
Theodore Puskas
and
George H. Bliss

Agreement

Spk Tel & Phon
Russia Spain Italy
Austria Germany
France & Belgium

This memorandum of agreement entered into this seventeenth day of December 1877. by and between Thomas A. Edison of Menlo Park, New Jersey, party of the first part. Theodore Puskas, of the city and state of New York, party of the second part; and George H. Bliss of Chicago, Illinois, party of the third part; witnesseth Whereas, the said party of the first part is the inventor of a Speaking Telephone, and a Phonograph for which he is desirous of obtaining patents thereon and selling the same in the following countries to wit; Russia, Spain, Italy, Austria, Germany, France and Belgium, and Whereas the parties of the second and third parts are desirous of introducing and selling such patents in the above mentioned countries. Therefore be it agreed that for and in consideration of the payment within twenty days from the date of this agreement by the party of the second part of the sum of twelve hundred and sixty dollars to L. W. Serrell, patent solicitor 76 Chambers Street New York

for the purpose of procuring patents in the above mentioned countries, and the relinquishing of a certain agreement held by the said party of the third part for which he has paid a valuable — consideration, and which agreement is dated the 18th day of September 1877. and which agreement is to be null and void.

And for a further consideration from the said party of the second part, that he shall use due diligence in offering for sale, and endeavoring to sell such patents in said countries at his own expense.

The said party of the first part for the above consideration grants to the said parties of the second and third parts a portion of all the proceeds from the sale of such patents in the countries herein mentioned as herein set forth

It is expressly agreed that neither invention shall be sold for less than the sums set forth in the annexed schedule. That is to say.

the portion of the Letters patent relating to speaking Telegraphs only.

For	France	Eight thousand dollars.
"	Germany	Fifteen thousand dollars.
"	Italy	Five thousand dollars
"	Spain	Five thousand dollars.
"	Russia	Five thousand dollars.
"	Belgium	Four thousand dollars
"	Austria	Five thousand dollars

The portion of the apparatus called the Phonograph which relates to the recording and reproduction of the human voice or other sounds, is to be expressly reserved from such sales at the prices aforesaid If however the rights are sold so as to include such Phonograph. apparatus the prices named aforesaid are to be doubled, and if the rights in such Phonograph invention are sold seperately from the speaking Telegraph then the sums before mentioned are agreed to as the lowest prices for such rights.

It is further agreed that if it can at any time be shown to the satisfaction of the said party of the first part that the sums herein mentioned for the patents in all or any country are too great, or that it would be advantageous to sell at a lesser sum, or that it would be necessary to take a lesser sum to secure the sale of a patent or patents, then the party of the first part is to name a lesser sum.
It is further agreed that the said parties of the second and third parts will not transfer their interest in this agreement without the consent in writing of the party of the first part.
It is further agreed that the party of the first part is to furnish sample instruments to the party of the second part, first of the speaking Telegraph apparatus, and second of the Phonograph apparatus,
The party of the second part is hereby authorized exclusively during eight months from the time

of being furnished with such sample instruments respectively to endeavor to make sale of the rights in the respective countries of the speaking Telegraph and Phonograph respectively.

And during that time if the said party of the second part shall sell such patents or any one of them according to the conditions herein set forth, and at the prices herein mentioned, then the said party of the first part is to receive six ninths, and the said party of the second part is to receive two ninths, and the said party of the third part is to receive one ninth, of such sums.

If the said party of the second part shall procure any sum or emolument in addition to the selling prices aforesaid, one half of such excess shall belong to the party of the second part, one fourteenth of such excess to the party of the party of the third part, and six fourteenths of such excess to the party of the first part.

After said eight months all the parties to this agreement shall endeavor to sell such patents and if the party of the first part shall succeed in selling the whole or any one of such patents at a price not less than herein set forth then the party of the first part is to have seven-~~tenths~~ ninths, of the entire actual selling price, and the parties of the second and third parts, one-ninth each, and in case the party of the second part succeeds in selling the whole or any patent at a price not less than herein set forth, then the party of the second part is to have two-ninths of the entire actual selling price, and the party of the third part one-ninth, and the party of the first part six-ninths, and if the party of the third part succeeds in selling the whole or any patent at a price not less than herein set forth, then the party of the third part is to receive two-ninths of the entire actual selling price

and the party of the second part one-ninth
and the party of the first part six-ninths
The party of the first part hereby agrees to
make and execute whatever assignments
licenses, transfers, or other documents that are
required from time to time for transferring
the rights in any and all such letters patent
upon the terms and conditions herein set
forth, the same to be forwarded to any banking
house at the place where payment is to be
made, and to be delivered to the purchaser
upon receipt of the price, and the said
banking house is to pay to the respective
parties their proportions of the purchase
money in accordance with the terms hereof
The parties of the second and third parts
shall have the first privilege of including
in this agreement the rights in any foreign
country except Canada and Great Britain,
which the party of the second part pays

the expense of procuring a patent therein. It is further agreed that all improvements necessary to perfect such apparatus as set forth in the patents now sought to be obtained and which shall be divised by the said party of the first part during a period of five years from the date hereof shall come under the provisions of this contract, the patents for the same to be paid for by the party of the second part. But such improvements are to be sold seperately from those herein mentioned and for further sums to be mutually agreed upon.

In witness whereof the parties to these presents have hereunto set their hands and seals the day and year first above written.

In the presence of

Harold Serrell

Lemuel W. Serrell

Thomas A. Edison

Thos. Hughes

Geo. H. Bliss

City County and State of New York } ss On this eighteenth day of December in the year 1897. before me personally came Thomas Alva Edison, Theodore Puskas, and George H. Bliss, to me known to be the individuals described in and who executed the within instrument, and severally acknowledged that they executed the same for the purposes therein mentioned.

As witness my signature and notarial seal the day and year last above written.

E. P. McKeney
Notary Public
Kings Co.

Dated Dec. 17th 1877.

Thomas A. Edison
Theodore Puskas
and
George H. Bliss

Agreement

2 copies this day

Recorded

This Supplimental contract, entered into this Seventeenth day of December 1877 by and between Thomas A. Edison of Menlo Park, N. J. party of the first part, Theodore Puskas of the City and State of New York, party of the second part and Geo. H. Bliss of Chicago, Illinois party of the third part - Witnesseth.

Whereas the parties hereto have this day entered into a contract for the sale of certain patents relating to the Telephone and Phonograph as invented by the first party and it being for mutual benefit that the said Telephones should be sold and noted while negotiations are pending therefor it is agreed as follows:

Telephones may be sold by either party in Countries where there are no patents at not less than $150.00 for two terminal station outfit and battery.

When sold by the first party he shall receive 12/14 of the net profit and the second and third parties 1/14 each, on every transaction.

When either the second or third parties sell, the party making the sale shall receive $\frac{7}{14}$ and the first party $\frac{6}{14}$ and the remaining party $\frac{1}{14}$ of the net profits on each transaction.

In countries where patents are obtained, except Great Brittain, the second party shall have the exclusive right to rent but not to sell Telephones for eight months from the date when the first complete pair of outfit shall be delivered to him unless the patent or patents are sooner sold.

When rentals are made within the eight months the second party shall receive $\frac{7}{14}$, the first party $\frac{6}{14}$ and the third party $\frac{1}{14}$ of the total rental and the rental shall not be less in any case than $20.00 for two terminal outfits per annum.

The party of the second part shall furnish all the capital necessary to make and rent Telephones during the eight months as provided without other compensation than his stipulated share of the rental.

At the expiration of eight months as before men-

tioned either the second or third parties shall have the right to rent telephones in countries where the patents have not been sold, except in Great Britain, at not less than $70.00 for two terminal stations per annum and the party making the rental shall furnish the necessary capital and receive 1/4, the first party 1/4 and the remaining party 1/4 of the rental in each case and such right of rental shall continue until the patent or patents are sold.

If at the expiration of eight months as aforesaid, any or all of the patents remain unsold and it is determined by mutual agreement to sell telephones in countries protected by patents the same prices and divisions shall be maintained as in countries where no patents have been obtained.

When the Phonograph shall have been perfected so as to permit of it being manufactured and sold, a provisional agreement, similar to this in character shall be entered into providing for its introduction pending the sale of the patents

and the relative interests shall bear the same proportion as in this agreement.

It is furthermore expressly stipulated and agreed that the United States and the Dominion of Canada are excepted from this agreement and that nothing herein shall give either the second or third parties, either singly or jointly any right or rights to make, rent or sell said Telephones and Phonographs in the the two Countries last named.

In witness whereof we have hereunto attached our hands and seals the day and year first above written.

In the presence of

Harold Serrell

Lemuel M. Serrell

Thomas A Edison

Thos. Luskas

Geo. H. Bliss

City County and
State of New York } On this eighteenth day of December in the year of 1877, before me personally came Thomas Alva Edison, Theodore Puskas, and George H. Bliss. to me known to be the individuals described in and who executed the within instrument and severally acknowledged that they executed the same for the purposes therein mentioned

As witness my signature and notarial seal the day and year last above written.

Geo. F. McKenney
Notary Public
Kings Co.

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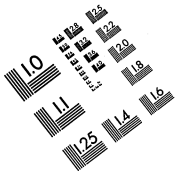

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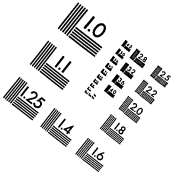

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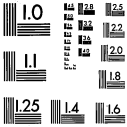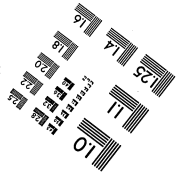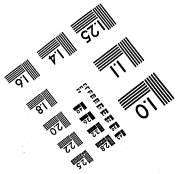
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